

GenCore version 5.1.4.p5.4578  
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OM protein - protein search, using sw model

Run on: March 13, 2003, 18:31:47 ; Search time 14 Seconds  
(without alignments)  
1221.440 Million cell updates/sec

Title: US-09-376-430-2  
1995  
Perfect score: 1 MGRVLVLMGCAVFLGGMMA.....DVTIGTFEVMNDRSYVAL 371  
Sequence:

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 199416 seqs, 46092074 residues

Total number of hits satisfying chosen parameters: 199416

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications MA:  
1: /cgn2\_6/ptodata/1/pubpaa/US08\_NEW\_PUB.pep.\*  
2: /cgn2\_6/ptodata/1/pubpaa/PC1\_NEW\_PUB.pep.\*  
3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW\_PUB.pep.\*  
4: /cgn2\_6/ptodata/1/pubpaa/US06\_PUBCOMB.pep.\*  
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13: /cgn2\_6/ptodata/1/pubpaa/US60\_NEW\_PUB.pep.\*  
14: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pep.\*

Pred. NO. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1995	100.0	371	9	US-09-895-593-5
2	1995	100.0	371	9	US-10-008-566-4
3	1995	100.0	371	9	US-10-078-059-2
4	1995	100.0	371	9	US-09-376-430-2
5	1995	100.0	371	10	US-09-895-943-5
6	1995	100.0	379	9	US-09-895-593-8
7	1995	100.0	379	10	US-09-895-943-8
8	1878	94.1	349	9	US-09-895-593-6
9	1878	94.1	349	10	US-09-895-943-6
10	1878	94.1	357	9	US-09-895-593-9
11	1878	94.1	357	10	US-09-895-943-9
12	943	47.3	181	9	US-10-078-059-25
13	943	47.3	181	9	US-09-376-430-25
14	682	34.2	170	9	US-10-078-059-27
15	682	34.2	170	9	US-09-376-430-27
16	478	24.0	370	9	US-09-895-593-2
17	478	24.0	370	10	US-09-895-943-2
18	461	23.1	353	9	US-09-895-593-3
19	461	23.1	353	10	US-09-895-943-3

20	460	23.1	81	9	US-10-078-059-24	Sequence 24, Appl
21	460	23.1	81	9	US-09-376-430-24	Sequence 24, Appl
22	299	15.0	54	9	US-10-078-059-22	Sequence 22, Appl
23	299	15.0	54	9	US-09-376-430-22	Sequence 22, Appl
24	232.5	11.7	363	9	US-09-376-430-3	Sequence 3, Appl
25	232.5	11.7	379	9	US-10-078-059-3	Sequence 3, Appl
26	205	10.3	369	9	US-09-895-593-12	Sequence 12, Appl
27	205	10.3	369	10	US-09-895-943-12	Sequence 12, Appl
28	179	9.0	538	10	US-09-758-664-2	Sequence 2, Appl
29	176	8.8	538	10	US-09-965-313-2	Sequence 2, Appl
30	176	8.8	538	10	US-09-922-246-115	Sequence 115, App
31	176	8.8	538	10	US-09-825-561A-2	Sequence 2, Appl
32	171.5	8.6	482	10	US-09-824-286-2	Sequence 2, Appl
33	168	8.4	360	10	US-09-825-561A-18	Sequence 18, Appl
34	162	8.1	529	10	US-09-825-561A-12	Sequence 12, Appl
35	159.5	8.0	426	10	US-09-825-561A-4	Sequence 4, Appl
36	159.5	8.0	426	12	US-10-036-568-4	Sequence 4, Appl
37	159.5	8.0	691	9	US-09-935-868-20	Sequence 20, Appl
38	159.5	8.0	694	9	US-09-935-868-18	Sequence 18, Appl
39	159.5	8.0	694	9	US-09-935-868-22	Sequence 22, Appl
40	159	8.0	529	9	US-10-076-840-6	Sequence 6, Appl
41	159	8.0	529	10	US-09-965-313-4	Sequence 4, Appl
42	159	8.0	529	10	US-09-732-234-6	Sequence 6, Appl
43	159	8.0	529	10	US-09-784-859-6	Sequence 6, Appl
44	148	7.4	289	9	US-09-941-973-2	Sequence 2, Appl
45	146	7.3	568	10	US-09-758-664-4	Sequence 4, Appl

## ALIGNMENTS

RESULT 1  
US-09-895-593-5  
Sequence 5, Application US/09895593  
Patent No. US20020160949A1  
GENERAL INFORMATION:  
APPLICANT: Pandey, Akhilesh  
APPLICANT: Ozaki, Katsutoshi  
APPLICANT: Baumann, Heinz  
APPLICANT: Levin, Steven D.  
APPLICANT: Farr, Andrew G.  
APPLICANT: Ziegler, Steven F.  
APPLICANT: Leonard, Warren J.  
APPLICANT: Lodish, Harvey F.  
TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and  
FILE REFERENCE: 00-514-E  
CURRENT APPLICATION NUMBER: US/09/895, 593  
CURRENT FILING DATE: 2001-06-28  
PRIOR APPLICATION NUMBER: 60/215, 658  
PRIOR FILING DATE: 2000-06-28  
NUMBER OF SEQ ID NOS: 16  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 5  
LENGTH: 371  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-895-593-5

Query Match 100.0%; Score 1995; DB 9; Length 371;  
Best Local Similarity 100.0%; Pred. No. 6.5e-168;  
Matches 371; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MGRVLVLMGCAVFLGGMMAVGGAAGVQIOTIIFNLETVOVTWMAKSYSTRNLEFHY	60
DB	1	MGRVLVLMGCAVFLGGMMAVGGAAGVQIOTIIFNLETVOVTWMAKSYSTRNLEFHY	60
QY	61	RFNGDAVYDQCTVYLQEGHTSGCLDAEQRDILVFSIRNGTHPYETASRWVYLYKPS	120
DB	61	RFNGDAVYDQCTVYLQEGHTSGCLDAEQRDILVFSIRNGTHPYETASRWVYLYKPS	120
QY	121	SPKHVRSQDAVAVTVCSDLSYGDILYEVQYNSPDTMOSQOENCTNVTISGLDAKRC	180
DB	121	SPKHVRSQDAVAVTVCSDLSYGDILYEVQYNSPDTMOSQOENCTNVTISGLDAKRC	180

Db 121 SPKHVFSWHQDAVVTYCSLSYGDLYEVQYRSFPDTEMOSKOENTCNVTIEGLDAEKC 180

Qy 181 YSFVWVRKAMEDVYGPDTYPSDMSEVTCWQGEIRDACAEPTPPKRLSKFILLISLAI 240  
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Db 181 YSFVWVRKAMEDVYGPDTYPSDMSEVTCWQGEIRDACAEPTPPKRLSKFILLISLAI 240

Qy 241 LLMVSLLLSLMKLMRVKFKFLIPSVDPKSIFFGLFEIHQGNFQEWITDQONVAHLHKMA 300  
 |||||||

Db 241 LLMVSLLLSLMKLMRVKFKFLIPSVDPKSIFFGLFEIHQGNFQEWITDQONVAHLHKMA 300

Qy 301 GAEQESGPEEPLVYOLAKTEAESPRMLDPQTEKEASGSGSLQHPLOGGDVVTIGGFT 360  
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Db 301 GAEQESGPEEPLVYOLAKTEAESPRMLDPQTEKEASGSGSLQHPLOGGDVVTIGGFT 360

Qy 361 FVMNDRSYVAL 371  
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Db 361 FVMNDRSYVAL 371

## RESULT 2

US-10-008-566-4  
 ; Sequence 4, Application US/10008566  
 ; Patent No. US20020173623A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Recche-Gallardo, Pedro A.  
 ; APPLICANT: Soumelis, Vassili  
 ; APPLICANT: Liu, Yong-Jun  
 ; APPLICANT: de Maal Malefyt, Rene  
 ; APPLICANT: Bazan, Jose F.  
 ; APPLICANT: Kastelein, Robert A.  
 ; FILE REFERENCE: dx01341  
 ; CURRENT APPLICATION NUMBER: US/10/008,566  
 ; CURRENT FILING DATE: 2002-04-30  
 ; PRIOR APPLICATION NUMBER: US 60/298268  
 ; PRIOR FILING DATE: 2001-06-14  
 ; PRIOR APPLICATION NUMBER: US 60/247218  
 ; PRIOR FILING DATE: 2000-11-10  
 ; NUMBER OF SEQ ID NOS: 6  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 4  
 ; LENGTH: 371  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-10-008-566-4

Query Match 100.0%; Score 1995; DB 9; Length 371;

Best Local Similarity 100.0%; Pred. No. 6,5e-168;

Matches 371; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MGRVLVLMGAAVFLLGGMALGGGAAGVQIOIIFNLETVQYTNWASKYSRTNLFHY 60  
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Db 1 MGRVLVLMGAAVFLLGGMALGGGAAGVQIOIIFNLETVQYTNWASKYSRTNLFHY 60

Qy 61 RENGDAVDOCTNYLLQEGHTSGCLLDAEQRDDILYFSIRNGTHPVFTASRMVYLYLPS 120  
 |||||||

Db 61 RENGDAVDOCTNYLLQEGHTSGCLLDAEQRDDILYFSIRNGTHPVFTASRMVYLYLPS 120

Qy 121 SPRHVFSSHQDAVVTYCSLSYGDLYEVQYRSFPDTEMOSKOENTCNVTIEGLDAEKC 180  
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Db 121 SPRHVFSSHQDAVVTYCSLSYGDLYEVQYRSFPDTEMOSKOENTCNVTIEGLDAEKC 180

Qy 181 YSFVWVRKAMEDVYGPDTYPSDMSEVTCWQGEIRDACAEPTPPKRLSKFILLISLAI 240  
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Db 181 YSFVWVRKAMEDVYGPDTYPSDMSEVTCWQGEIRDACAEPTPPKRLSKFILLISLAI 240

Qy 241 LLMVSLLLSLMKLMRVKFKFLIPSVDPKSIFFGLFEIHQGNFQEWITDQONVAHLHKMA 300  
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Db 241 LLMVSLLLSLMKLMRVKFKFLIPSVDPKSIFFGLFEIHQGNFQEWITDQONVAHLHKMA 300

Qy 301 GAEQESGPEEPLVYOLAKTEAESPRMLDPQTEKEASGSGSLQHPLOGGDVVTIGGFT 360  
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Db 301 GAEQESGPEEPLVYOLAKTEAESPRMLDPQTEKEASGSGSLQHPLOGGDVVTIGGFT 360

Qy 361 FVMNDRSYVAL 371  
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Db 361 FVMNDRSYVAL 371

## RESULT 3

US-10-078-059-2  
 ; Sequence 2, Application US/10078059  
 ; Publication No. US2002019305A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ruben et al.  
 ; TITLE OF INVENTION: Cytokine Receptor Common Gamma Chain Like  
 ; FILE REFERENCE: PF466P2  
 ; CURRENT APPLICATION NUMBER: US/10/078,059  
 ; CURRENT FILING DATE: 2002-02-20  
 ; PRIOR APPLICATION NUMBER: 60/269,876  
 ; PRIOR FILING DATE: 2001-02-21  
 ; PRIOR APPLICATION NUMBER: PCT/US00/22493  
 ; PRIOR FILING DATE: 2000-08-17  
 ; PRIOR APPLICATION NUMBER: 09/376,430  
 ; PRIOR FILING DATE: 1999-08-18  
 ; PRIOR APPLICATION NUMBER: 09/263,626  
 ; PRIOR FILING DATE: 1999-03-05  
 ; PRIOR APPLICATION NUMBER: PCT/US99/05068  
 ; PRIOR FILING DATE: 1999-03-05  
 ; PRIOR APPLICATION NUMBER: 60/086,505  
 ; PRIOR FILING DATE: 1998-05-22  
 ; PRIOR APPLICATION NUMBER: 60/078,563  
 ; PRIOR FILING DATE: 1998-03-19  
 ; NUMBER OF SEQ ID NOS: 32  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 2  
 ; LENGTH: 371  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-10-078-059-2

Query Match 100.0%; Score 1995; DB 9; Length 371;

Best Local Similarity 100.0%; Pred. No. 6,5e-168;

Matches 371; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MGRVLVLMGAAVFLLGGMALGGGAAGVQIOIIFNLETVQYTNWASKYSRTNLFHY 60  
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Db 1 MGRVLVLMGAAVFLLGGMALGGGAAGVQIOIIFNLETVQYTNWASKYSRTNLFHY 60

Qy 61 RENGDAVDOCTNYLLQEGHTSGCLLDAEQRDDILYFSIRNGTHPVFTASRMVYLYLPS 120  
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Db 61 RENGDAVDOCTNYLLQEGHTSGCLLDAEQRDDILYFSIRNGTHPVFTASRMVYLYLPS 120

Qy 121 SPRHVFSSHQDAVVTYCSLSYGDLYEVQYRSFPDTEMOSKOENTCNVTIEGLDAEKC 180  
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Db 121 SPRHVFSSHQDAVVTYCSLSYGDLYEVQYRSFPDTEMOSKOENTCNVTIEGLDAEKC 180

Qy 181 YSFVWVRKAMEDVYGPDTYPSDMSEVTCWQGEIRDACAEPTPPKRLSKFILLISLAI 240  
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Db 181 YSFVWVRKAMEDVYGPDTYPSDMSEVTCWQGEIRDACAEPTPPKRLSKFILLISLAI 240

Qy 241 LLMVSLLLSLMKLMRVKFKFLIPSVDPKSIFFGLFEIHQGNFQEWITDQONVAHLHKMA 300  
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Db 241 LLMVSLLLSLMKLMRVKFKFLIPSVDPKSIFFGLFEIHQGNFQEWITDQONVAHLHKMA 300

Qy 301 GAEQESGPEEPLVYOLAKTEAESPRMLDPQTEKEASGSGSLQHPLOGGDVVTIGGFT 360  
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Db 301 GAEQESGPEEPLVYOLAKTEAESPRMLDPQTEKEASGSGSLQHPLOGGDVVTIGGFT 360

Qy 361 FVMNDRSYVAL 371  
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Db 361 FVMNDRSYVAL 371

## RESULT 4

US-09-376-430-2

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; Sequence 2, Application US/09376430
; Publication No. US2003002806A1
; GENERAL INFORMATION:
; APPLICANT: Moore, Paul A.
; APPLICANT: Rosen, Craig A.
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Cytokine Receptor Common Gamma Chain Like
; FILE REFERENCE: P466P1
; CURRENT APPLICATION NUMBER: US/09/376,430
; EARLIER FILING DATE: 1999-06-18
; EARLIER APPLICATION NUMBER: 60/086,505
; EARLIER FILING DATE: 1998-05-22
; EARLIER APPLICATION NUMBER: 60/078,563
; EARLIER FILING DATE: 1998-03-19
; EARLIER APPLICATION NUMBER: 09/263,626
; EARLIER FILING DATE: 1999-03-05
; EARLIER APPLICATION NUMBER: PCT/US99/05068
; EARLIER FILING DATE: 1999-03-05
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2
; LENGTH: 371
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-376-430-2

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Query Match      100.0%; Score 1995; DB 9; Length 371;
Best Local Similarity 100.0%; Pred. No. 6,5e-168;
Matches 371; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MGRVLVLMGAAVFLGGMALGGGAAGVQIITIFNLETVQYVWNAKSKSRNTLTFHY 60
QY 61 RFNGDEAYDOCTNLYLQEGHTSGCLDAEORDILYFSIRNGTHPVFTASRMVYYLKPS 120
DB 61 RFNGDEAYDOCTNLYLQEGHTSGCLDAEORDILYFSIRNGTHPVFTASRMVYYLKPS 120
QY 121 SPKHVRSWHDADVTVTCSDLSYGDLYEVOYRSPFTEWOSKOENCTNVTIEGLDAEKC 180
DB 121 SPKHVRSWHDADVTVTCSDLSYGDLYEVOYRSPFTEWOSKOENCTNVTIEGLDAEKC 180
QY 181 YSFVWVRKAMEDVYGPDPYSDMSSEVTCWQGEIRDAEPTPPKPKLSKFIILSSLA 240
DB 181 YSFVWVRKAMEDVYGPDPYSDMSSEVTCWQGEIRDAEPTPPKPKLSKFIILSSLA 240
QY 241 LLMVSLILLSLMKLMRVKFLIPSVDPKSIFFGLFEIHQGNFQEWITDTQNVAAHLHMA 300
DB 241 LLMVSLILLSLMKLMRVKFLIPSVDPKSIFFGLFEIHQGNFQEWITDTQNVAAHLHMA 300
QY 301 GAEGESGPEEPVYVQLAKTEAESPRMLDPOTEKEASGSIQLPHQPLQGGDVYTIIGFT 360
DB 301 GAEGESGPEEPVYVQLAKTEAESPRMLDPOTEKEASGSIQLPHQPLQGGDVYTIIGFT 360
QY 361 FVMDRSYVAL 371
DB 361 FVMDRSYVAL 371

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RESULT 5
US-09-895-943-5
; Sequence 5, Application US/09895943
; Patent No. US20020068323A1
; GENERAL INFORMATION:
; APPLICANT: Sarris, Chris
; APPLICANT: Chang, Ming-Shi
; TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and
; FILE REFERENCE: 00-514-C
; CURRENT APPLICATION NUMBER: US/09/895,943
; CURRENT FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: 60/214,866
; PRIOR FILING DATE: 2000-06-28

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; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 5
; LENGTH: 371
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-895-943-5

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Query Match      100.0%; Score 1995; DB 10; Length 371;
Best Local Similarity 100.0%; Pred. No. 6,5e-168;
Matches 371; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MGRVLVLMGAAVFLGGMALGGGAAGVQIITIFNLETVQYVWNAKSKSRNTLTFHY 60
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DB 61 RFNGDEAYDOCTNLYLQEGHTSGCLDAEORDILYFSIRNGTHPVFTASRMVYYLKPS 120
QY 121 SPKHVRSWHDADVTVTCSDLSYGDLYEVOYRSPFTEWOSKOENCTNVTIEGLDAEKC 180
DB 121 SPKHVRSWHDADVTVTCSDLSYGDLYEVOYRSPFTEWOSKOENCTNVTIEGLDAEKC 180
QY 181 YSFVWVRKAMEDVYGPDPYSDMSSEVTCWQGEIRDAEPTPPKPKLSKFIILSSLA 240
DB 181 YSFVWVRKAMEDVYGPDPYSDMSSEVTCWQGEIRDAEPTPPKPKLSKFIILSSLA 240
QY 241 LLMVSLILLSLMKLMRVKFLIPSVDPKSIFFGLFEIHQGNFQEWITDTQNVAAHLHMA 300
DB 241 LLMVSLILLSLMKLMRVKFLIPSVDPKSIFFGLFEIHQGNFQEWITDTQNVAAHLHMA 300
QY 301 GAEGESGPEEPVYVQLAKTEAESPRMLDPOTEKEASGSIQLPHQPLQGGDVYTIIGFT 360
DB 301 GAEGESGPEEPVYVQLAKTEAESPRMLDPOTEKEASGSIQLPHQPLQGGDVYTIIGFT 360
QY 361 FVMDRSYVAL 371
DB 361 FVMDRSYVAL 371

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RESULT 6
US-09-895-593-8
; Sequence 8, Application US/09895593
; Patent No. US20020160949A1
; GENERAL INFORMATION:
; APPLICANT: Pandey, Akhilesh
; APPLICANT: Ozaki, Katsutoshi
; APPLICANT: Baumann, Heinz
; APPLICANT: Levin, Steven D.
; APPLICANT: Fari, Andrew G.
; APPLICANT: Ziegler, Steven F.
; APPLICANT: Leonard, Warren J.
; TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and
; FILE REFERENCE: 00-514-E
; CURRENT APPLICATION NUMBER: US/09/895,593
; CURRENT FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: 60/215,658
; PRIOR FILING DATE: 2000-06-28
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 8
; LENGTH: 379
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Human
; OTHER INFORMATION: TSLPR-FLAG
; US-09-895-593-8

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Query Match      100.0%; Score 1995; DB 9; Length 379;

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Best Local Similarity 100.0%; Pred. No. 6.7e-168;  
Matches 371; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGRVLVLMGAVFLLGGMMALGGGAAGVQIQLIFNLETVQVWNAKSKYSTNLTFFH 60  
Db 1 MGRVLVLMGAVFLLGGMMALGGGAAGVQIQLIFNLETVQVWNAKSKYSTNLTFFH 60  
QY 61 RFNDEAVDOCTNYLLQSGHTSGCLLDAEQRDILYFSIRNGTHPVFTASRMWVYLKPS 120  
Db 61 RFNDEAVDOCTNYLLQSGHTSGCLLDAEQRDILYFSIRNGTHPVFTASRMWVYLKPS 120  
QY 121 SPKHVRFSMHODAVTVTCSLSYGDLLYEVOYRSPDTEWQSKQENTCANTTIEGLDAEKC 180  
Db 121 SPKHVRFSMHODAVTVTCSLSYGDLLYEVOYRSPDTEWQSKQENTCANTTIEGLDAEKC 180  
QY 181 YSFVWRVAKMEDVYGPDTYPSDMSSEVTCWQGEIRDACAEPTPPPKLSKFIILSLAI 240  
Db 181 YSFVWRVAKMEDVYGPDTYPSDMSSEVTCWQGEIRDACAEPTPPPKLSKFIILSLAI 240  
QY 241 LLMVSLLLSLMKLMRKVKFLIPSVDPKSIFFGLFEIHQGNFQEWITDTQNVAAHLHKMA 300  
Db 241 LLMVSLLLSLMKLMRKVKFLIPSVDPKSIFFGLFEIHQGNFQEWITDTQNVAAHLHKMA 300  
QY 301 GAEGESGPEEPLVYQLAKTEASPRMLDPQTEKEASGSLQLPHPQLOGGDVYVITGGFT 360  
Db 301 GAEGESGPEEPLVYQLAKTEASPRMLDPQTEKEASGSLQLPHPQLOGGDVYVITGGFT 360  
QY 361 FVMNDRSYVAL 371  
Db 361 FVMNDRSYVAL 371

## RESULT 7

US-09-895-943-8  
; Sequence 8, Application US/09895943  
; Patent No. US20020068323A1  
; GENERAL INFORMATION:  
; APPLICANT: Sarris, Chris  
; APPLICANT: Chang, Ming-Shi  
; TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and  
; FILE REFERENCE: 00-514-C  
; CURRENT APPLICATION NUMBER: US/09/895,943  
; PRIOR FILING DATE: 2001-06-28  
; PRIOR APPLICATION NUMBER: 60/214,866  
; PRIOR FILING DATE: 2000-06-28  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 8  
; LENGTH: 379  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Human  
; OTHER INFORMATION: TSLPR-FLAG  
US-09-895-943-8

Query Match 100.0%; Score 1995; DB 10; Length 379;  
Best Local Similarity 100.0%; Pred. No. 6.7e-168;

Matches 371; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGRVLVLMGAVFLLGGMMALGGGAAGVQIQLIFNLETVQVWNAKSKYSTNLTFFH 60  
Db 1 MGRVLVLMGAVFLLGGMMALGGGAAGVQIQLIFNLETVQVWNAKSKYSTNLTFFH 60  
QY 61 RFNDEAVDOCTNYLLQSGHTSGCLLDAEQRDILYFSIRNGTHPVFTASRMWVYLKPS 120  
Db 61 RFNDEAVDOCTNYLLQSGHTSGCLLDAEQRDILYFSIRNGTHPVFTASRMWVYLKPS 120  
QY 121 SPKHVRFSMHODAVTVTCSLSYGDLLYEVOYRSPDTEWQSKQENTCANTTIEGLDAEKC 180  
Db 121 SPKHVRFSMHODAVTVTCSLSYGDLLYEVOYRSPDTEWQSKQENTCANTTIEGLDAEKC 180

QY 181 YSFVWRVAKMEDVYGPDTYPSDMSSEVTCWQGEIRDACAEPTPPPKLSKFIILSLAI 240  
Db 181 YSFVWRVAKMEDVYGPDTYPSDMSSEVTCWQGEIRDACAEPTPPPKLSKFIILSLAI 240  
QY 241 LLMVSLLLSLMKLMRKVKFLIPSVDPKSIFFGLFEIHQGNFQEWITDTQNVAAHLHKMA 300  
Db 241 LLMVSLLLSLMKLMRKVKFLIPSVDPKSIFFGLFEIHQGNFQEWITDTQNVAAHLHKMA 300  
QY 301 GAEGESGPEEPLVYQLAKTEASPRMLDPQTEKEASGSLQLPHPQLOGGDVYVITGGFT 360  
Db 301 GAEGESGPEEPLVYQLAKTEASPRMLDPQTEKEASGSLQLPHPQLOGGDVYVITGGFT 360  
QY 361 FVMNDRSYVAL 371  
Db 361 FVMNDRSYVAL 371

## RESULT 8

US-09-895-593-6  
; Sequence 6, Application US/09895593  
; Patent No. US20020160949A1  
; GENERAL INFORMATION:  
; APPLICANT: Pandey, Akhilesh  
; APPLICANT: Ozaki, Katsutoshi  
; APPLICANT: Baumann, Heinz  
; APPLICANT: Levin, Steven D.  
; APPLICANT: Fair, Andrew G.  
; APPLICANT: Ziegler, Steven F.  
; APPLICANT: Leonard, Warren J.  
; TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and  
; FILE REFERENCE: 00-514-E  
; CURRENT APPLICATION NUMBER: US/09/895,593  
; PRIOR FILING DATE: 2001-06-28  
; PRIOR APPLICATION NUMBER: 60/215,658  
; PRIOR FILING DATE: 2000-06-28  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 6  
; LENGTH: 349  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: TRANSMEM  
; LOCATION: (210)..(230)  
US-09-895-593-6

Query Match 94.1%; Score 1878; DB 9; Length 349;  
Best Local Similarity 100.0%; Pred. No. 1.2e-157;

Matches 349; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 23 QGGAAGVQIQLIFNLETVQVWNAKSKYSTNLTFFH RFNDEAVDOCTNYLLQSGHTS 82  
Db 1 QGGAAGVQIQLIFNLETVQVWNAKSKYSTNLTFFH RFNDEAVDOCTNYLLQSGHTS 82  
QY 83 GCLLDAEQRDILYFSIRNGTHPVFTASRMWVYLKPS SPKHVRFSMHODAVTVTCSLS 142  
Db 61 GCLLDAEQRDILYFSIRNGTHPVFTASRMWVYLKPS SPKHVRFSMHODAVTVTCSLS 120  
QY 143 YGDLLYEVOYRSPDTEWQSKQENTCANTTIEGLDAEKCYSFVWRVAKMEDVYGPDTYPSD 202  
Db 121 YGDLLYEVOYRSPDTEWQSKQENTCANTTIEGLDAEKCYSFVWRVAKMEDVYGPDTYPSD 180  
QY 203 WSEVTCWQGEIRDACAEPTPPPKLSKFIILSLAILLMVSLLLSLMKLMRKVKFLI 262  
Db 181 WSEVTCWQGEIRDACAEPTPPPKLSKFIILSLAILLMVSLLLSLMKLMRKVKFLI 240  
QY 263 PSVPDPKSIFFGLFEIHQGNFQEWITDTQNVAAHLHKMAGAEESGPEEPLVYQLAKTEA 322  
Db 241 PSVPDPKSIFFGLFEIHQGNFQEWITDTQNVAAHLHKMAGAEESGPEEPLVYQLAKTEA 300  
QY 323 SPRMLDPQTEKEASGSLQLPHPQLOGGDVYVITGGFT FVMNDRSYVAL 371

Db 301 SPRMLDPQTEKEKASGSGSLQHPQLOGGDVVTIGGFTFVMDRSYVAL 349

RESULT 9  
US-09-895-943-6  
Sequence 6, Application US/09895943  
Patent No. US2002006823A1  
GENERAL INFORMATION:  
APPLICANT: Sarris, Chris  
APPLICANT: Chang, Ming-Shi  
TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and  
TITLE OF INVENTION: Uses Thereof  
FILE REFERENCE: 00-514-C  
CURRENT APPLICATION NUMBER: US/09/895,943  
CURRENT FILING DATE: 2001-06-28  
PRIOR APPLICATION NUMBER: 60/214,866  
PRIOR FILING DATE: 2000-06-28  
NUMBER OF SEQ ID NOS: 16  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 6  
LENGTH: 349  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: TRANSMEM  
LOCATION: (210)..(230)  
US-09-895-943-6

Query Match  
Best Local Similarity 100.0%; Score 1878; DB 10; Length 349;  
Matches 349; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 23 OGGAEGVQIQTITNLETVQVWNAKYSRTNLTFRHFNGBEAYDOCTNYLLQEGHTS 82  
DB 1 OGGAEGVQIQTITNLETVQVWNAKYSRTNLTFRHFNGBEAYDOCTNYLLQEGHTS 60  
QY 83 GCLDAEQRDILYFSIRNGTHPVFTASRMWVYLLKPSPKHVRFSWHDQAVTVTCSDLS 142  
DB 61 GCLDAEQRDILYFSIRNGTHPVFTASRMWVYLLKPSPKHVRFSWHDQAVTVTCSDLS 120  
QY 143 YGDLLEYOYRSPPFTEMOSKOENTCNVTIEGLDAEKCYSEFWVRKAMEDYVGPDTYPSD 202  
DB 121 YGDLLEYOYRSPPFTEMOSKOENTCNVTIEGLDAEKCYSEFWVRKAMEDYVGPDTYPSD 180  
QY 203 WSEVTCWQGEIRDACAEPTPPKRLSKFLLISSLAILLWVSLLSLIMKLMRVKFFLI 262  
DB 181 WSEVTCWQGEIRDACAEPTPPKRLSKFLLISSLAILLWVSLLSLIMKLMRVKFFLI 240  
QY 263 PSVPDPKSIFFGLFEIHQGNFQEMITDTONVAHLHKMAGAQESGPEEPLVYQAKTEAE 322  
DB 241 PSVPDPKSIFFGLFEIHQGNFQEMITDTONVAHLHKMAGAQESGPEEPLVYQAKTEAE 300  
QY 323 SPRMLDPQTEKEKASGSGSLQHPQLOGGDVVTIGGFTFVMDRSYVAL 371  
DB 301 SPRMLDPQTEKEKASGSGSLQHPQLOGGDVVTIGGFTFVMDRSYVAL 349

RESULT 10  
US-09-895-593-9  
Sequence 9, Application US/0989593  
Patent No. US20020160949A1  
GENERAL INFORMATION:  
APPLICANT: Pandey, Akhilesh  
APPLICANT: Ozaki, Katsutoshi  
APPLICANT: Baumann, Heinz  
APPLICANT: Levin, Steven D.  
APPLICANT: Farr, Andrew G.  
APPLICANT: Ziegler, Steven F.  
APPLICANT: Leonard, Warren J.  
APPLICANT: Lodish, Harvey F.  
TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and  
TITLE OF INVENTION: Uses Thereof

FILE REFERENCE: 00-514-E  
CURRENT APPLICATION NUMBER: US/09/895,593  
CURRENT FILING DATE: 2001-06-28  
PRIOR APPLICATION NUMBER: 60/215,658  
PRIOR FILING DATE: 2000-06-28  
NUMBER OF SEQ ID NOS: 16  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 9  
LENGTH: 357  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Human  
OTHER INFORMATION: TSL-PR-FLAG  
NAME/KEY: TRANSMEM  
LOCATION: (210)..(230)  
NAME/KEY: DOMAIN  
LOCATION: (350)..(357)  
OTHER INFORMATION: FLAG sequence  
US-09-895-593-9

Query Match  
Best Local Similarity 100.0%; Score 1878; DB 9; Length 357;  
Matches 349; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 23 OGGAEGVQIQTITNLETVQVWNAKYSRTNLTFRHFNGBEAYDOCTNYLLQEGHTS 82  
DB 1 OGGAEGVQIQTITNLETVQVWNAKYSRTNLTFRHFNGBEAYDOCTNYLLQEGHTS 60  
QY 83 GCLDAEQRDILYFSIRNGTHPVFTASRMWVYLLKPSPKHVRFSWHDQAVTVTCSDLS 142  
DB 61 GCLDAEQRDILYFSIRNGTHPVFTASRMWVYLLKPSPKHVRFSWHDQAVTVTCSDLS 120  
QY 143 YGDLLEYOYRSPPFTEMOSKOENTCNVTIEGLDAEKCYSEFWVRKAMEDYVGPDTYPSD 202  
DB 121 YGDLLEYOYRSPPFTEMOSKOENTCNVTIEGLDAEKCYSEFWVRKAMEDYVGPDTYPSD 180  
QY 203 WSEVTCWQGEIRDACAEPTPPKRLSKFLLISSLAILLWVSLLSLIMKLMRVKFFLI 262  
DB 181 WSEVTCWQGEIRDACAEPTPPKRLSKFLLISSLAILLWVSLLSLIMKLMRVKFFLI 240  
QY 263 PSVPDPKSIFFGLFEIHQGNFQEMITDTONVAHLHKMAGAQESGPEEPLVYQAKTEAE 322  
DB 241 PSVPDPKSIFFGLFEIHQGNFQEMITDTONVAHLHKMAGAQESGPEEPLVYQAKTEAE 300  
QY 323 SPRMLDPQTEKEKASGSGSLQHPQLOGGDVVTIGGFTFVMDRSYVAL 371  
DB 301 SPRMLDPQTEKEKASGSGSLQHPQLOGGDVVTIGGFTFVMDRSYVAL 349

RESULT 11  
US-09-895-943-6  
Sequence 9, Application US/09895943  
Patent No. US2002006823A1  
GENERAL INFORMATION:  
APPLICANT: Sarris, Chris  
APPLICANT: Chang, Ming-Shi  
TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and  
TITLE OF INVENTION: Uses Thereof  
FILE REFERENCE: 00-514-C  
CURRENT APPLICATION NUMBER: US/09/895,943  
CURRENT FILING DATE: 2001-06-28  
PRIOR APPLICATION NUMBER: 60/214,866  
PRIOR FILING DATE: 2000-06-28  
NUMBER OF SEQ ID NOS: 16  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 9  
LENGTH: 357  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Human  
OTHER INFORMATION: TSL-PR-FLAG

NAME/KEY: TRANSMEM  
 LOCATION: (210) .. (230)  
 NAME/KEY: DOMAIN  
 LOCATION: (350) .. (357)  
 OTHER INFORMATION: FLAG sequence  
 US-09-895-943-9

Query Match 94.1%; Score 1878; DB 10; Length 357;  
 Best Local Similarity 100.0%; Pred. No. 1.2e-157;  
 Matches 349; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 23 OGGAAGVOQIITFENLEUYOVYTNWASKYSRTNLTFHYFNGDEAVDQCTNYLLOGCHTS 82  
 DB 1 OGGAAGVOQIITFENLEUYOVYTNWASKYSRTNLTFHYFNGDEAVDQCTNYLLOGCHTS 60  
 QY 83 GCLLDAEQDDILYFSIRNGTHPVFASRMWYLLKPSKPKVRRSWHODAVYTCSDLS 142  
 DB 61 GCLLDAEQDDILYFSIRNGTHPVFASRMWYLLKPSKPKVRRSWHODAVYTCSDLS 120  
 QY 143 YGDLLEYOYRSPTDEWOSKOENTCNVTIEGLAEKCYSEFWVRKAMEDYVGPDTYPSD 202  
 DB 121 YGDLLEYOYRSPTDEWOSKOENTCNVTIEGLAEKCYSEFWVRKAMEDYVGPDTYPSD 180  
 QY 203 WSEVTCMORGEIRDACETPTPPKPKLSKFLISSLAILLWVSLLSLWKLMRVKFLI 262  
 DB 181 WSEVTCMORGEIRDACETPTPPKPKLSKFLISSLAILLWVSLLSLWKLMRVKFLI 240  
 QY 263 PSVDPKSIFFGLFEIHQGNFQEWITDTQNVVHLKMGAGAEQSGPEPEPLVOLAKTEAE 322  
 DB 241 PSVDPKSIFFGLFEIHQGNFQEWITDTQNVVHLKMGAGAEQSGPEPEPLVOLAKTEAE 300  
 QY 323 SPRMLDPOTEKEASGGSILQPHQPLGGDVYITGGFTFVMNDRSYAL 371  
 DB 301 SPRMLDPOTEKEASGGSILQPHQPLGGDVYITGGFTFVMNDRSYAL 349

## RESULT 12

US-10-078-059-25  
 Sequence 25, Application US/10078059  
 Publication No. US20020193305A1  
 GENERAL INFORMATION:

APPLICANT: Ruben et al.  
 TITLE OF INVENTION: Cytokine Receptor Common Gamma Chain Like

FILE REFERENCE: PF466P2  
 CURRENT APPLICATION NUMBER: US/10/078,059

PRIOR FILING DATE: 2002-02-20  
 PRIOR APPLICATION NUMBER: 60/269,876

PRIOR FILING DATE: 2001-02-21  
 PRIOR APPLICATION NUMBER: PCT/US00/22493

PRIOR FILING DATE: 2000-08-17  
 PRIOR APPLICATION NUMBER: 09/376,430

PRIOR FILING DATE: 1999-08-18  
 PRIOR APPLICATION NUMBER: 09/263,626

PRIOR FILING DATE: 1999-03-05  
 PRIOR APPLICATION NUMBER: PCT/US99/05068

PRIOR FILING DATE: 1999-03-05  
 PRIOR APPLICATION NUMBER: 60/086,505

PRIOR FILING DATE: 1998-05-22  
 PRIOR APPLICATION NUMBER: 60/078,563

PRIOR FILING DATE: 1998-03-19  
 NUMBER OF SEQ ID NOS: 32

SOFTWARE: PatentIn Ver. 2.1  
 SEQ ID NO 25

LENGTH: 181  
 TYPE: PRT

ORGANISM: Homo sapiens  
 FEATURE:

NAME/KEY: SITE  
 LOCATION: (68)

OTHER INFORMATION: Xaa equals any amino acid  
 NAME/KEY: SITE  
 LOCATION: (73)

OTHER INFORMATION: Xaa equals any amino acid

OTHER INFORMATION: Xaa equals any amino acid

OTHER INFORMATION: Xaa equals any amino acid

OTHER INFORMATION: Xaa equals any amino acid

OTHER INFORMATION: Xaa equals any amino acid

NAME/KEY: SITE  
 LOCATION: (88)  
 OTHER INFORMATION: Xaa equals any amino acid  
 US-10-078-059-25

Query Match 47.3%; Score 943; DB 9; Length 181;  
 Best Local Similarity 98.3%; Pred. No. 1.1e-75;  
 Matches 178; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 190 MEDVYGPDTYPSDMSEVTCMORGEIRDACETPTPPKPKLSKFLISSLAILLWVSLLL 249  
 DB 1 MEDVYGPDTYPSDMSEVTCMORGEIRDACETPTPPKPKLSKFLISSLAILLWVSLLL 60  
 QY 250 SLWKLMRVKFLISSVDPKSIFFGLFEIHQGNFQEWITDTQNVVHLKMGAGAEQSGPE 309  
 DB 61 SLWKLMRVKFLISSVDPKSIFFGLFEIHQGNFQEWITDTQNVVHLKMGAGAEQSGPE 120  
 QY 310 EPLVOLAKTEAESPRMLDPOTEKEASGGSILQPHQPLGGDVYITGGFTFVMNDRSYV 369  
 DB 121 EPLVOLAKTEAESPRMLDPOTEKEASGGSILQPHQPLGGDVYITGGFTFVMNDRSYV 180  
 QY 370 A 370  
 DB 181 A 181

## RESULT 13

US-09-376-430-25  
 Sequence 25, Application US/09376430  
 Publication No. US20030028006A1  
 GENERAL INFORMATION:

APPLICANT: Moore, Paul A.  
 APPLICANT: Rosen, Craig A.

TITLE OF INVENTION: Cytokine Receptor Common Gamma Chain Like  
 FILE REFERENCE: PF466P1

CURRENT APPLICATION NUMBER: US/09/376,430  
 EARLIER FILING DATE: 1999-08-18

EARLIER FILING DATE: 1998-05-22  
 EARLIER APPLICATION NUMBER: 60/086,505

EARLIER FILING DATE: 1998-03-19  
 EARLIER APPLICATION NUMBER: 60/078,563

EARLIER FILING DATE: 1999-03-05  
 EARLIER APPLICATION NUMBER: 09/263,626

EARLIER FILING DATE: 1999-03-05  
 EARLIER APPLICATION NUMBER: PCT/US99/05068

NUMBER OF SEQ ID NOS: 32  
 SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 25  
 LENGTH: 181

TYPE: PRT  
 ORGANISM: Homo sapiens

FEATURE:  
 NAME/KEY: SITE

LOCATION: (68)  
 OTHER INFORMATION: Xaa equals any amino acid

NAME/KEY: SITE  
 LOCATION: (73)

OTHER INFORMATION: Xaa equals any amino acid

OTHER INFORMATION: Xaa equals any amino acid

OTHER INFORMATION: Xaa equals any amino acid

OTHER INFORMATION: Xaa equals any amino acid

OTHER INFORMATION: Xaa equals any amino acid

OTHER INFORMATION: Xaa equals any amino acid

OTHER INFORMATION: Xaa equals any amino acid

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OTHER INFORMATION: Xaa equals any amino acid

OTHER INFORMATION: Xaa equals any amino acid

OTHER INFORMATION: Xaa equals any amino acid

OTHER INFORMATION: Xaa equals any amino acid

OTHER INFORMATION: Xaa equals any amino acid

OTHER INFORMATION: Xaa equals any amino acid

Query Match	34.2%	Score 682	DB 9	Length 170	
Best Local Similarity	99.2%	Pred. No.	9.6e-53		
Matches 126	Conservative 0	Mismatches 1	Indels 0	Gaps 0	
QY	1	MGRLLVLMGAAFFLLGGWMLGOGGAEGVQIQIIFYFNLETVQVYTMNASKYSRTNLTFFHY	60		
Db	1	MGRLLVLMGAAFFLLGGWMLGOGGAEGVQIQIIFYFNLETVQVYTMNASKYSRTNLTFFHY	60		
QY	61	RNNGEAYDOCTNNYLLQESHTSGCLLDAAQRDDILYFSIRNGTHPYFTASRMWVYLLKFS	120		
Db	61	RNNGEAYDOCTNNYLLQESHTSGCLLDAAQRDDILYFSIRNGTHPYFTASRMWVYLLKFS	120		
QY	121	SPKHVRF	127		
Db	121	SPKHVRF	127		





GenCore version 5.1.4-p5.4578  
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OM protein - protein search, using sw model

Run on: March 13, 2003, 18:25:27 ; Search time 16 seconds  
(without alignments)  
682.244 Million cell updates/sec

Title: US-09-376-430-2

Perfect score: 1995

Sequence: 1 MGRVLVLMGAAVFLGWMMA.....DVTIGFTFVNDRSYAL 371

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued\_Patents\_AA:\*  
1: /cgn2\_6/ptodata/2/1aa/5A.COMB.pep.\*  
2: /cgn2\_6/ptodata/2/1aa/5B.COMB.pep.\*  
3: /cgn2\_6/ptodata/2/1aa/6A.COMB.pep.\*  
4: /cgn2\_6/ptodata/2/1aa/6B.COMB.pep.\*  
5: /cgn2\_6/ptodata/2/1aa/PCTUS.COMB.pep.\*  
6: /cgn2\_6/ptodata/2/1aa/backfile1.pep.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	205	10.3	369	2	US-08-424-224-2
2	205	10.3	369	5	PCT-US94-02891-69
3	195	9.8	347	1	US-08-052-205-7
4	195	9.8	347	1	US-08-595-974-7
5	195	9.8	369	1	US-08-052-205-4
6	195	9.8	369	1	US-08-595-974-4
7	195	9.8	369	4	US-09-191-786-2
8	176	8.8	538	4	US-09-040-005-2
9	176	8.8	538	4	US-09-522-217-115
10	171.5	8.6	482	4	US-09-189-129-2
11	162.5	8.1	427	4	US-08-969-125-9
12	159.5	8.0	230	1	US-08-052-205-11
13	159.5	8.0	230	1	US-08-595-974-11
14	159.5	8.0	252	1	US-08-052-205-9
15	159.5	8.0	252	1	US-08-595-974-9
16	155	7.8	383	1	US-08-609-572-2
17	155	7.8	383	4	US-08-841-751-2
18	155	7.8	383	4	US-08-846-340-2
19	155	7.8	383	4	US-08-846-344-2
20	151.5	7.6	438	4	US-09-339-838-5
21	151.5	7.6	438	4	US-09-339-838-7
22	144.5	7.2	508	2	US-08-850-293-5
23	144.5	7.2	522	1	US-08-164-614A-10
24	144.5	7.2	522	2	US-08-164-614A-10
25	131.5	6.6	459	6	5194375-2
26	131.5	6.6	468	1	US-08-164-614A-7
27	131.5	6.6	468	2	US-08-456-489B-7

28	131.5	6.6	536	1	US-08-164-614A-12	Sequence 12, Appl
29	131.5	6.6	536	2	US-08-456-489B-12	Sequence 12, Appl
30	131.5	6.6	897	1	US-07-960-389-2	Sequence 2, Appl
31	126.5	6.3	551	4	US-09-194-145-2	Sequence 2, Appl
32	126.5	6.3	551	6	5198359-2	Patent No. 5198359
33	126.5	6.3	551	6	5449756-2	Patent No. 5449756
34	121	6.1	379	1	US-08-164-614A-8	Sequence 8, Appl
35	121	6.1	379	2	US-08-456-489B-8	Sequence 8, Appl
36	119.5	6.0	380	1	US-08-609-572-4	Sequence 4, Appl
37	119.5	6.0	380	4	US-08-841-751-4	Sequence 4, Appl
38	119.5	6.0	380	4	US-08-846-340-4	Sequence 4, Appl
39	119.5	6.0	380	4	US-08-846-344-4	Sequence 4, Appl
40	118	5.9	258	1	US-08-336-708A-10	Sequence 10, Appl
41	113	5.7	325	2	US-08-683-743-4	Sequence 4, Appl
42	109	5.5	620	4	US-09-000-145-1	Sequence 1, Appl
43	108	5.4	382	2	US-08-078-311-3	Sequence 3, Appl
44	108	5.4	382	2	US-08-460-402-3	Sequence 3, Appl
45	104.5	5.2	599	4	US-09-000-145-2	Sequence 2, Appl

## ALIGNMENTS

RESULT 1  
US-08-424-224-2  
; Sequence 2, Application US/08424224  
; Patent No. 5912173  
GENERAL INFORMATION:  
; APPLICANT: LEONARD, WARREN J. CDNA AND  
; TITLE OF INVENTION: MURINE IL-2R  
; TITLE OF INVENTION: USES THEREOF  
; NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORGAN & FINNEGAN  
; STREET: 345 PARK AVE.  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10154  
COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK  
; COMPUTER: IBM PC COMPATIBLE  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WORD PERFECT # 5.1  
CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/424,224  
; FILING DATE:  
; CLASSIFICATION: 800  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/121,435  
; FILING DATE: 14-SEPT-1993  
ATTORNEY/AGENT INFORMATION:  
; NAME: WILLIAM S. FEILER  
; REGISTRATION NUMBER: 26,728  
REFERENCE/DOCKET NUMBER:  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212-758-4800  
; TELEFAX: 212-751-6849  
; TELEX: 421792  
INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 369  
; TYPE: AMINO ACID  
; TOPOLOGY: UNKNOWN  
; MOLECULE TYPE: PROTEIN  
; DESCRIPTION: NO  
; HYPOTHEICAL: NO  
; ORIGINAL SOURCE:  
; ORGANISM: MURINE  
; INDIVIDUAL ISOLATE: IL-2R  
; US-08-424-224-2  
Query Match 10.3%; Score 205; DB 2; Length 369;

Best Local Similarity 26.5%; Pred. No. 2.6e-13;  
Matches 75; Conservative 47; Mismatches 103; Indels 58; Gaps 16;

QY 31 QIOLIFNLEFVQVTWNAKSKYS-TNLFHYRF--NGDEAVDOCTNYLLQEGHSGCLLD 87  
Db 59 EVQCFVFNIEFMNCTWSSSEPOATNLTLYRYVSDNNTQECSHLYFSKEITSGQI- 117  
QY 88 AEORDI-LY---FSIRNGTHPVFTASRWVYLYK-----PSSPKHYRFS----- 128  
Db 118 --QKEDIQVTFVQVLODPQK---QRAVQKLNQNLVTPAPELTLTNSSEOLE 171  
QY 129 --WHQDAVVTGSDLSGDLLEYQYRSPDTEMQSKOEN-TCNVTEGLDAEKCYSFVW 185  
Db 172 LRKSKRIKERC-----LQYLQYRSNDRSWTELIVNHEPRFSLPSVDELKRYTFRV 224  
QY 186 RVKAMEDVYGPDIYPPSDMSEVTCWQGEIRDACAETPTPKPKL--SKFLISSLATLLM 243  
Db 225 RSR-YNPICSSQOOWSKWSQPVHMGSHTYE-----NPSLFALEAVLIPIVGTWGLI 274  
QY 244 VSILLSLMKLWKYKFLIPSPDKSIFPGLEFIHOGNFQEW 286  
Db 275 ILLFVYCW-LER---MPPIPIKNL-EDLVTEYOGNFSAW 310

# RESULT 2

PCT-US94-02891-69

Sequence 69, Application PC/TUS9402891  
GENERAL INFORMATION:  
APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS  
APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN  
APPLICANT: SERVICES  
APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL  
APPLICANT: INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA  
TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF  
TITLE OF INVENTION: XSCID  
NUMBER OF SEQUENCES: 69  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & FINNEGAN  
STREET: 345 PARK AVE.  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WORD PERFECT # 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/02891  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/031,143  
FILING DATE: 12-MAR-1993  
APPLICATION NUMBER: 08/121,435  
FILING DATE: 14-SEPT-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: WILLIAM S. FEILER  
REGISTRATION NUMBER: 26,728  
REFERENCE/DOCKET NUMBER: 2026-4061  
TELEPHONE: 212-751-6849  
TELEFAX: 212-751-4800  
TELEX: 421792  
INFORMATION FOR SEQ ID NO: 69:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 369  
TYPE: AMINO ACID  
TOPOLOGY: UNKNOWN  
MOLECULE TYPE: PROTEIN  
HYPOTHETICAL: NO

ORIGINAL SOURCE:  
ORGANISM: MURINE  
INDIVIDUAL ISOLATE: IL-2R  
PCT-US94-02891-69

Query Match 10.3%; Score 205; DB 5; Length 369;  
Best Local Similarity 26.5%; Pred. No. 2.6e-13;

Matches 75; Conservative 47; Mismatches 103; Indels 58; Gaps 16;

QY 31 QIOLIFNLEFVQVTWNAKSKYS-TNLFHYRF--NGDEAVDOCTNYLLQEGHSGCLLD 87  
Db 59 EVQCFVFNIEFMNCTWSSSEPOATNLTLYRYVSDNNTQECSHLYFSKEITSGQI- 117  
QY 88 AEORDI-LY---FSIRNGTHPVFTASRWVYLYK-----PSSPKHYRFS----- 128  
Db 118 --QKEDIQVTFVQVLODPQK---QRAVQKLNQNLVTPAPELTLTNSSEOLE 171  
QY 129 --WHQDAVVTGSDLSGDLLEYQYRSPDTEMQSKOEN-TCNVTEGLDAEKCYSFVW 185  
Db 172 LRKSKRIKERC-----LQYLQYRSNDRSWTELIVNHEPRFSLPSVDELKRYTFRV 224  
QY 186 RVKAMEDVYGPDIYPPSDMSEVTCWQGEIRDACAETPTPKPKL--SKFLISSLATLLM 243  
Db 225 RSR-YNPICSSQOOWSKWSQPVHMGSHTYE-----NPSLFALEAVLIPIVGTWGLI 274  
QY 244 VSILLSLMKLWKYKFLIPSPDKSIFPGLEFIHOGNFQEW 286  
Db 275 ILLFVYCW-LER---MPPIPIKNL-EDLVTEYOGNFSAW 310

# RESULT 3

US-08-052-205-7

Sequence 7, Application US/08052205

Patent No. 5510259

GENERAL INFORMATION:  
APPLICANT: SUGAMURA, KAZUO  
APPLICANT: TAKEISHITA, TOSHIKAZU  
APPLICANT: ASAO, HIRONOBU  
APPLICANT: NAKAMURA, MASATAKA  
APPLICANT: SHIMAMURA, TOSHIRO  
APPLICANT: SUZUKI, MANABU  
APPLICANT: HAMURO, JUNJI  
TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: P. C.  
STREET: 1755 S. Jefferson Davis Highway, Suite 400  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentln Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/052,205  
FILING DATE: 19930422  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 104947/1992  
FILING DATE: 23-APR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Oblon, No. 5510259man F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 10-615-0X  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 413-3000  
TELEFAX: (703) 413-2220  
TELEX: 248855 OPAT UR  
INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:  
LENGTH: 347 amino acids  
TYPE: AMINO ACID  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-052-205-7

Query Match 9.8%; Score 195; DB 1; Length 347;  
Best Local Similarity 25.1%; Pred. No. 2.7e-12;  
Matches 71; Conservative 56; Mismatches 98; Indels 58; Gaps 15;

QY 31 QIQLIYFNLETVQVWNAKYSR-TNLTPEHYRF-NGD-EAYDOCTNYLLOEGHTSGCLLD 87  
DB 37 EVQCFVFNVEYMCNCTNMSSEPOPTNLTLHYWKNSDNDKVKCHYLFSEITSGCOL- 95  
QY 88 AEORDILYFSIRNGTHPVFTASRMWVYLYLKPSRK-----HVFESWHDVAIV- 136  
DB 96 -QKKEIHLI-----QTFVQLODPREPRQATQMLKQLNLTVPAPENLTILH 141  
QY 137 ----TCSDSLSTYGD-----LTYEYQYRSPDTEW-OSKQENTCNVTIEGLDAEKYCSFWY 185  
DB 142 KLSQSELEIMNNRFLNHCLEHLVQYRTDMDHSWTSQSVYDVRHKSFLPSVDGQKRYTFRY 201  
QY 186 RVKAMEDVYGPDPYPSDWSEVTCWQGEIHDACAETPPPKPKL--SKFILLISLATILM 243  
DB 202 RSR-FNPLCGSAQHWSEMSHPHFW-----GSNTSKENPFLFALEAVVISVSGMGLI 251  
QY 244 VSLILLSTMKLMRYKKFLIPSPDPKSIPLGLFEIHOGNFEQW 286  
DB 252 ISLLCYFW-LERT---MPRIPLKLNLEDLVTEYH-GNFSAW 288

RESULT 4  
US-08-595-974-7  
Sequence 7, Application US/08595974  
Patent No. 5705608

GENERAL INFORMATION:  
APPLICANT: SUGAMURA, KAZUO  
APPLICANT: TAKESHITA, TOSHIKAZU  
APPLICANT: ASAO, HIROMOBU  
APPLICANT: NAKAMURA, MASATAKA  
APPLICANT: SHIMAMURA, TOSHIRO  
APPLICANT: SUZUKI, MANABU  
APPLICANT: HAMURO, JUNJI  
TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
STREET: 1755 S. Jefferson Davis Highway, Suite 400  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22202

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/595,974  
FILING DATE: 06-FEB-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/052,205  
FILING DATE: 22-APR-1993  
APPLICATION NUMBER: JP 104947/1992  
FILING DATE: 23-APR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Oblon, No. 5705608man F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 10-615-0X  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 413-3000  
TELEFAX: (703) 413-2220  
TELEX: 248855 OPRT UR  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 347 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-595-974-7

Query Match 9.8%; Score 195; DB 1; Length 347;  
Best Local Similarity 25.1%; Pred. No. 2.7e-12;  
Matches 71; Conservative 56; Mismatches 98; Indels 58; Gaps 15;

QY 31 QIQLIYFNLETVQVWNAKYSR-TNLTPEHYRF-NGD-EAYDOCTNYLLOEGHTSGCLLD 87  
DB 37 EVQCFVFNVEYMCNCTNMSSEPOPTNLTLHYWKNSDNDKVKCHYLFSEITSGCOL- 95  
QY 88 AEORDILYFSIRNGTHPVFTASRMWVYLYLKPSRK-----HVFESWHDVAIV- 136  
DB 96 -QKKEIHLI-----QTFVQLODPREPRQATQMLKQLNLTVPAPENLTILH 141  
QY 137 ----TCSDSLSTYGD-----LTYEYQYRSPDTEW-OSKQENTCNVTIEGLDAEKYCSFWY 185  
DB 142 KLSQSELEIMNNRFLNHCLEHLVQYRTDMDHSWTSQSVYDVRHKSFLPSVDGQKRYTFRY 201  
QY 186 RVKAMEDVYGPDPYPSDWSEVTCWQGEIHDACAETPPPKPKL--SKFILLISLATILM 243  
DB 202 RSR-FNPLCGSAQHWSEMSHPHFW-----GSNTSKENPFLFALEAVVISVSGMGLI 251  
QY 244 VSLILLSTMKLMRYKKFLIPSPDPKSIPLGLFEIHOGNFEQW 286  
DB 252 ISLLCYFW-LERT---MPRIPLKLNLEDLVTEYH-GNFSAW 288

RESULT 5  
US-08-052-205-4  
Sequence 4, Application US/08052205  
Patent No. 5510259

GENERAL INFORMATION:  
APPLICANT: SUGAMURA, KAZUO  
APPLICANT: TAKESHITA, TOSHIKAZU  
APPLICANT: ASAO, HIROMOBU  
APPLICANT: NAKAMURA, MASATAKA  
APPLICANT: SHIMAMURA, TOSHIRO  
APPLICANT: SUZUKI, MANABU  
APPLICANT: HAMURO, JUNJI  
TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
STREET: 1755 S. Jefferson Davis Highway, Suite 400  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22202

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/052,205  
FILING DATE: 19930422  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 104947/1992  
FILING DATE: 23-APR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Oblon, No. 5510259man F.  
REGISTRATION NUMBER: 24,618

REFERENCE/DOCKET NUMBER: 10-615-0X  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (703) 413-3000  
 TELEFAX: (703) 413-2220  
 TELE: 248855 OPAT UR  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 369 amino acids  
 TYPE: AMINO ACID  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-052-205-4

Query Match 9.8%; Score 195; DB 1; Length 369;  
 Best Local Similarity 25.1%; Pred. No. 3e-12;  
 Matches 71; Conservative 56; Mismatches 98; Indels 58; Gaps 15;

QY 31 QIQLIFNLETVQVWNAKSKSR-TNLTPHYRF-NGD-EAYDOCTNYLLQEGHTSGCLLD 87  
 DB 59 EVQCFVFNVEYMNCTWNSSEPOPTNLTHWYKNSDNDKVKCSHYLFSEETISGCOL- 117  
 QY 88 AEQRDILYFSIRNGTHPVFTASRMVYLYLKPSPK-----HVFSSWHDAAVTV- 136  
 DB 118 -QKKEIHL-----QTFVQLODPREPRQATQMLKLNLYIPAPENLTLLH 163  
 QY 137 ----TCSDLSYGD-----LLYEYVRSPPDTEW-OSKQENTCNVITEGLDAEKCYSEFW 185  
 DB 164 KLSSEQLKLMNNRFLNHCLEHLVQRTDWDHSWTEQSYDYRRKFSLPVSDGQKRYTFRV 223  
 QY 186 RYKAMEDVYGPDPYPSDSEVTCMORGEIRDACAEPTPPKPKL--SKFLLISLAILLM 243  
 DB 224 RSR-FNPLCGSAQHSEMSHPH-----GSNTSKENPFLPALAAVVISVSGMGLI 273  
 QY 244 VSLLLSLMKLMRYKFKFLIPSVDPKSIFFGLFEIHQGNFOEM 286  
 DB 274 ISLLCYFW-LERT---MPRIPLKNELDVTEYH-GNFSAM 310

# RESULT 6

US-08-595-974-4  
 Sequence 4; Application US/08595974  
 Patent No. 5705608

## GENERAL INFORMATION:

APPLICANT: SUGAMURA, KAZUO  
 APPLICANT: TAKESHITA, TOSHIYASU  
 APPLICANT: ASAO, HIROSHI  
 APPLICANT: NAKAMURA, MASATAKA  
 APPLICANT: SHIMAMURA, TOSHIRO  
 APPLICANT: SUZUKI, MANABU  
 APPLICANT: HAMURO, JUNJI  
 TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE  
 NUMBER OF SEQUENCES: 21  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: OBLOH, SPIYAK, MCCLELLAND, MAIER & NEUSTADT,  
 STREET: 1735 S. Jefferson Davis Highway, Suite 400  
 CITY: Arlington  
 STATE: Virginia  
 COUNTRY: U.S.A.  
 ZIP: 22202

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/595,974  
 FILING DATE: 06-FEB-1996  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/052,205  
 FILING DATE: 22-APR-1993  
 APPLICATION NUMBER: JP 104947/1992

FILING DATE: 23-APR-1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: OBLOH, NO. 5705608man F.  
 REGISTRATION NUMBER: 24,618  
 REFERENCE/DOCKET NUMBER: 10-615-0X  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (703) 413-3000  
 TELEFAX: (703) 413-2220  
 TELE: 248855 OPAT UR  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 369 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-595-974-4

Query Match 9.8%; Score 195; DB 1; Length 369;  
 Best Local Similarity 25.1%; Pred. No. 3e-12;  
 Matches 71; Conservative 56; Mismatches 98; Indels 58; Gaps 15;

QY 31 QIQLIFNLETVQVWNAKSKSR-TNLTPHYRF-NGD-EAYDOCTNYLLQEGHTSGCLLD 87  
 DB 59 EVQCFVFNVEYMNCTWNSSEPOPTNLTHWYKNSDNDKVKCSHYLFSEETISGCOL- 117  
 QY 88 AEQRDILYFSIRNGTHPVFTASRMVYLYLKPSPK-----HVFSSWHDAAVTV- 136  
 DB 118 -QKKEIHL-----QTFVQLODPREPRQATQMLKLNLYIPAPENLTLLH 163  
 QY 137 ----TCSDLSYGD-----LLYEYVRSPPDTEW-OSKQENTCNVITEGLDAEKCYSEFW 185  
 DB 164 KLSSEQLKLMNNRFLNHCLEHLVQRTDWDHSWTEQSYDYRRKFSLPVSDGQKRYTFRV 223  
 QY 186 RYKAMEDVYGPDPYPSDSEVTCMORGEIRDACAEPTPPKPKL--SKFLLISLAILLM 243  
 DB 224 RSR-FNPLCGSAQHSEMSHPH-----GSNTSKENPFLPALAAVVISVSGMGLI 273  
 QY 244 VSLLLSLMKLMRYKFKFLIPSVDPKSIFFGLFEIHQGNFOEM 286  
 DB 274 ISLLCYFW-LERT---MPRIPLKNELDVTEYH-GNFSAM 310

# RESULT 7

US-09-191-786-2  
 Sequence 2; Application US/09191786  
 Patent No. 6372898

## GENERAL INFORMATION:

APPLICANT: Cacalano, Nicholas A.  
 APPLICANT: Johnston, James A.  
 TITLE OF INVENTION: Mammalian Protein Variants and Methods  
 NUMBER OF SEQUENCES: 2  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: DNAX Research Institute  
 STREET: 901 California Avenue  
 CITY: Palo Alto  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94304-1104

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/191,786  
 FILING DATE: 11-NOV-1998  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Ching, Edwin P.  
 REGISTRATION NUMBER: 34,090  
 REFERENCE/DOCKET NUMBER: DX0920  
 TELECOMMUNICATION INFORMATION:

TELEPHONE: (650)852-9196  
 TELEFAX: (650)496-1200  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 369 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: not relevant  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 1..1062  
 US-09-191-786-2

Query Match 9.8%; Score 195; DB 4; Length 369;  
 Best Local Similarity 25.1%; Pred. No. 36-12;  
 Matches 71; Conservative 56; Mismatches 98; Indels 58; Gaps 15;

QY 31 QIOLIFNLEVTQVWNAKYSR-TNLTFFHYRF-NGD-EAYDOCTNYLLOEGHTSGCLLD 87  
 Db 59 EVQCFVNEVEMNCTNNSSEPOPTNLTLLHYWKNSDNDKSVQKSHYLFSEITSCQL- 117  
 QY 88 AEQRDILYFIRNGTHPVFTASRMWYLYLKPSPK-----HYRFSMHQDAVTV- 136  
 Db 118 -QKKEIHLY-----QTFVQLODPRPRQATQMLKQLNLYIPMAPEMLTLH 163  
 QY 137 ---TCSLSYGD-----LLYEVQYRSPFDTM-QSKQENTCMTTEGLDAEKCSFWY 185  
 Db 164 KISEQLELNMNMRFLNCHLEHLVQYRDMDSWTEQSVDRHKSFLPSVDGQKRYTRV 223  
 QY 186 RYKAMEDVYGPPTPSDMSEVTQCMORGEIRDACAETPPPKPL-SKFLISSLAITLM 243  
 Db 224 RSR-FNPGLGSAQHNSHSPILHW-----GSNTSKENPFLFALEAVVISVSGMLI 273  
 QY 244 VSLLSLTKMKRVKKFLIPVDPKSTFPGLFEITHQNFQED 286  
 Db 274 ISLCLYFW-LERT---MPRIPTLKNEDLVETXH-GNFSAN 310

## RESULT 8

US-09-040-005-2  
 Sequence 2, Application US/09040005  
 Patent No. 6057128

GENERAL INFORMATION:  
 APPLICANT: Donaldson, Debra  
 APPLICANT: Unger, Michelle  
 TITLE OF INVENTION: MU-1 RECEPTOR  
 NUMBER OF SEQUENCES: 8  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Genetics Institute, Inc.  
 STREET: 87 Cambridgepark Drive  
 CITY: Cambridge  
 STATE: MA  
 COUNTRY: USA  
 ZIP: 02140  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/040.005  
 FILING DATE:  
 CLASSIFICATION:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Brown, Scott A  
 REGISTRATION NUMBER: 32,724  
 REFERENCE/DOCKET NUMBER: G15320  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 617-876-5851  
 TELEFAX: 617-876-5851  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:

LENGTH: 538 amino acids  
 TYPE: amino acid  
 STRANDEDNESS:  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-09-040-005-2

Query Match 8.8%; Score 176; DB 3; Length 538;  
 Best Local Similarity 24.0%; Pred. No. 5,66-10;  
 Matches 94; Conservative 60; Mismatches 143; Indels 94; Gaps 21;

QY 8 WGAAYFL---GGWMAIGGGAAGVQIIFYN-LETV---QVTWNAKSKSRNTLFFHY 60  
 Db 5 WAAPLLDLLLQSGW-----GCPDLVCTDYDLYQVTCILEMNHLHP---STLITLW 51  
 QY 61 RFNGDEAYDOCTNYL-QECH-----TSGCLLDA--EQRDILYFSI--RNGTHPVFTAS 110  
 Db 52 QDQVEELKDEATSCSLRSHANMTHTATYCHMDVHFHMADDLFSVNITDQSGNYSQEGCS 111  
 QY 111 RMYVYLYLKPSPKHY-----RFSMHQDAVTVTCSLSY-----GDLLEYQYRSPFT 158  
 Db 112 FLLESTIPAPFPVTVTFSGQYNISWRD-----YEDPAFYMLKKGKQLQYELQRRKDP 166  
 QY 159 EMQSKOE-----NTCNVTTISGLDAEKCSFPMVRYKAMEDVYGP---DTYPSDMSEVTCW- 209  
 Db 167 WAVSPRRKLIVSDSRVSLPLLEFRKDSYELQVRA-----GMPSSSYQGTWSE---WS 218  
 QY 210 -----ORGEIRDACAETPPPKPLSKFLISSLAITLMVSLISLTKMKRVKKFLI 262  
 Db 219 DVIYQTOSEELKEGW-----NPHLLILLIVFIPAFWSIKTHPLRLMK-----KI 267  
 QY 263 PSVPDPKSTFPGLFEITHQNFQEDITDQVNAHLHKMGAQESGPEPLVYOLAKTEAE 322  
 Db 268 WAVSPERFEMLYGCGSGDEFKRWG-----APFTGSSLELGPWSPPEVPTLEVYSC 319  
 QY 323 SPRLMDPOTEREKASGSLQLPHPQPLGGDV 353  
 Db 320 HP-----PRSPAKRLQLTLEQEPALVESDGV 346

## RESULT 9

US-09-522-217-115  
 Sequence 115, Application US/09522217  
 Patent No. 6307024

GENERAL INFORMATION:  
 APPLICANT: No. 6307024ak, Julia E.  
 APPLICANT: Presnell, Scott R.  
 APPLICANT: Sprecher, Cindy A.  
 APPLICANT: Foster, Donald C.  
 APPLICANT: Holly, Richard D.  
 APPLICANT: Gross, Jane A.  
 APPLICANT: Johnston, Janet V.  
 APPLICANT: Nelson, Andrew J.  
 APPLICANT: Dillon, Stacey R.  
 APPLICANT: Hammond, Angela K.  
 TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND  
 FILE REFERENCE: 99-16  
 CURRENT APPLICATION NUMBER: US/09/522.217  
 CURRENT FILING DATE: 2000-03-09  
 EARLIER APPLICATION NUMBER: US 60/123,547  
 EARLIER FILING DATE: 1999-03-09  
 EARLIER APPLICATION NUMBER: US 60/123,904  
 EARLIER FILING DATE: 1999-03-11  
 EARLIER APPLICATION NUMBER: US 60/142,013  
 EARLIER FILING DATE: 1999-07-01  
 NUMBER OF SEQ ID NOS: 115  
 SOFTWARE: FastSeq for Windows Version 3.0  
 SEQ ID NO 115  
 LENGTH: 538  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-522-217-115

Query Match 8.8%; Score 176; DB 4; Length 538;  
 Best Local Similarity 24.0%; Pred. No. 5.6e-10;  
 Matches 94; Conservative 60; Mismatches 143; Indels 94; Gaps 21;

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QY 8 WGAAYFL---GGMALGCGGAAGVQIYYFN-LEFY---QVWNAKYSRTNLTREY 60
DB 5 WAAPLLILLGGW-----GCPDLVCTDYLOVYICLEMNHLHP---STLTITW 51
QY 61 RENGDEAYDOCTNYLL-OGEGH-----TSGCLLDA--EORDILYFSI--RNGTHPEFTAS 110
DB 52 ODQYELKDEATSCSLHRSANHAHTATYTHCHDVFHEMADDFVSNITDQSGNYSQEGS 111
QY 111 RMMVYVYLRKSSPKRV-----RFSWHDQAVYTCSDLSY---GDILYVQVRSPTD 158
DB 112 FLLASIKFAPPVNTVYFESGOYNISMRSD-----YEDPARYMLKGLQLOLQYRNNGDP 166
QY 159 EMQSKOE-----NTCNVTEGLDAKCVSEFVRYKAMEDVYGP---DTYPSDMSEVYCW- 209
DB 167 WAVSPRRKLISVDSRSVLLPEFRKDSSTELQVRA-----GPMGSSYOGTWSE--WS 218
QY 210 -----ORGEIRDACATPTPPKPKLSKFLISSLAILLVSSILLSTKIRVKKFLI 262
DB 219 DPVIFQTOSEELKEGW-----NPHLLLLLYIVFIPAFWBLKTHPLMKL-----KI 267
QY 263 PSVDPSIFPGLFEIHQGNFOWITDTQVAHLHKMAGAEQSGPEEPLVQLAKEAE 322
DB 268 WAVSPERFEMFLYKGGSGDFKRWG-----APFTSSSLBLGWSPEVSTLEVYSC 319
QY 323 SPRMLDQTEKEKASGSLQLPHQPLQGGDV 353
DB 320 HP-----PRSPAKRLQLTELOEPAELVESDGV 346

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RESULT 10  
 US-09-189-129-2  
 ; Sequence 2, Application US/09189129  
 ; Patent No. 6333037

## GENERAL INFORMATION:

APPLICANT: Burkly, Linda C  
 APPLICANT: Benjamin, Christopher D  
 APPLICANT: Hession, Catherine A  
 TITLE OF INVENTION: COMMON GAMMA CHAIN BLOCKING AGENTS  
 NUMBER OF SEQUENCES: 17  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Biogen, Inc.  
 STREET: 14 Cambridge Center  
 CITY: Cambridge  
 STATE: Massachusetts  
 COUNTRY: USA  
 ZIP: 02142

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/189,129  
 FILING DATE:

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: A006 PCT CIP  
 FILING DATE: 09-MAY-1997  
 APPLICATION NUMBER: 60/017,466  
 FILING DATE: 10-MAY-1996  
 ATTORNEY/AGENT INFORMATION:

NAME: Kaplan, Warren A.  
 REGISTRATION NUMBER: 34,199  
 REFERENCE/DOCKET NUMBER: A006 PCT CIP  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 617 679-2000  
 TELEFAX: 617 679-2838

INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:

LENGTH: 482 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE:  
 HYPOTHETICAL: YES  
 ANTI-SENSE: NO  
 US-09-189-129-2

Query Match 8.6%; Score 171.5; DB 4; Length 482;  
 Best Local Similarity 24.1%; Pred. No. 1.4e-09;  
 Matches 58; Conservative 44; Mismatches 80; Indels 59; Gaps 11;

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QY 31 QIITIFNLETVQVWNAKYSR-TNLFHYRF-NGD-EAVDQCTNVLQEGHSGCLD 87
DB 59 EVQCEVFVEVYMCNCTWSSSEPQPLNLTLHWYNSNDKVKQSHYLFSEETISGCL- 117
QY 88 AEORDILYFSIRNGTHVFTASRWVYLYLKPSSPK-----HFRFSWHDQAVY- 136
DB 118 -QKREIHLX-----QTEVYVQDPPREPFRQATQMLKQLNLYIPWAPENULTIH 163
QY 137 -----TCSDSLSTGD-----LTYEYVRSPPDTEW-OSKQENTCNVTEGLDAKCYSEW 185
DB 164 KLSSEOLELNMNMFNLNHCLEHLVQYRTDMDHSWTQSDVYRHKESLPESVDQKRYMERV 223
QY 186 RVKAMEDVYGPDIYPSDMSEVTCWQGEIRDACATPT-----PPK 227
DB 224 RSR-FNPLCSAQHWSBSPHMGSTNSKENVDKTHTCPPCPAPELLAGPSVLEFPKP 282
QY 228 K 228
DB 283 K 283

```

RESULT 11  
 US-08-969-125-9  
 ; Sequence 9, Application US/08969125B  
 ; Patent No. 6143871

## GENERAL INFORMATION:

APPLICANT: BONNEFOY, JEAN-YVES  
 GAUCHAT, JEAN-FRANCOIS  
 TITLE OF INVENTION: SUBSTANCES AND THEIR USES  
 NUMBER OF SEQUENCES: 9  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: NIXON & VANDERHAYE P.C.  
 STREET: 1100 NORTH GLEBE ROAD  
 CITY: ARLINGTON  
 STATE: VIRGINIA  
 COUNTRY: U.S.A.  
 ZIP: 22201-4714

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/969,125B  
 FILING DATE: 12-NO. 6143871-1997  
 CLASSIFICATION: <unknown>

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9625899.1  
 FILING DATE: 13-DEC-1996  
 ATTORNEY/AGENT INFORMATION:

NAME: WILSON, MARY J.  
 REGISTRATION NUMBER: 32,955  
 REFERENCE/DOCKET NUMBER: 1430-179  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (703) 816-4100  
 TELEFAX: (703) 816-4100

INFORMATION FOR SEQ ID NO: 9:  
 SEQUENCE CHARACTERISTICS:

LENGTH: 427 amino acids  
 TYPE: amino acid

TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 9  
US-08-969-125-9

Query Match 8.1%; Score 162.5; DB 4; Length 427;  
Best Local Similarity -21.4%; Pred. No. 1.1e-08;  
Matches 70; Conservative 53; Mismatches 121; Indels 83; Gaps 12;

QY 31 QIQTLYNLETVQVYTNWASKYSR--TNLTFHFRNGDAVDQCTNYLLQSGHTSGCLIDA 88  
DB 131 ELQCIWHLNLSYMKCSMLPGRTSPDTNYTLTYWHRSLKIQHCEN-IFREGQYGCSPDL 189  
QY 89 EQRDILYFSIRNGTHVFTASRMVYLYKPS-----SPKHVR-FSMHODAVT 135  
DB 190 TKVDSF-----RQHSVQVWKNQAGKIPSENIPLTSVYKDPDPRIKMLSFHNDLY 244  
QY 136 V-----TCSDSLGYDLLEYVQY-RSPFDT-----EMOSKOENTCNV 170  
DB 245 VQWENPQNFISRC-----LFYEYVANNQOTETHNHYVQVQACENEFERNVENTSCF 297  
QY 171 TIEGLDAEKCYSEWRYKAMEDYGPDTYPSDMSEVTCWQGEIRDACAEPTPPKPKLS 230  
DB 298 MYPGVLPDTLTNTVIRIKYTKNLCEYEDDKLMSWSQ-----EMSIGKRRNST 343  
QY 231 KFIILSLAIIWVSLILSLIKMLRYKKFLIPSVDPKSIFFGLF-----E 277  
DB 344 LYITMLIVPIVAGAIIVLLLYLKLKLIITFPPIPDGKIFKEMFGQNDTLHWKRYD 403  
QY 278 IHQGNFDMITDQNVNHLHKAQEQ 304  
DB 404 IYKQTKR---ETDSVVLLENLKKASQ 427

RESULT 12  
US-08-052-205-11

; Sequence 11, Application US/08052205  
; Patent No. 5510259

; GENERAL INFORMATION:

APPLICANT: SUGAMURA, KAZUO  
APPLICANT: TAKESHITA, TOSHIKAZU  
APPLICANT: ASAO, HIRONOBU  
APPLICANT: NAKAMURA, MASATKA  
APPLICANT: SHIMAMURA, TOSHIRO  
APPLICANT: SUZUKI, MANABU  
APPLICANT: HAMURO, JUNJI  
TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MATER & NEUSTADT,  
STREET: 1755 S. Jefferson Davis Highway, Suite 400  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22202

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION NUMBER: US/08/052,205  
APPLICATION NUMBER: US/08/052,205  
FILING DATE: 19930422

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: JP 104947/1992

FILING DATE: 23-APR-1992

ATTORNEY/AGENT INFORMATION:

NAME: Oblon, No. 5510259man F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 10-615-0X

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 413-3000  
TELEFAX: (703) 413-2220  
TELEX: 248855 OPAT UR  
INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:  
LENGTH: 230 amino acids  
TYPE: AMINO ACID  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-052-205-11

Query Match 8.0%; Score 159.5; DB 1; Length 230;  
Best Local Similarity 25.0%; Pred. No. 8.5e-09;  
Matches 51; Conservative 42; Mismatches 70; Indels 41; Gaps 10;

QY 31 QIQTLYNLETVQVYTNWASKYSR--TNLTFHFR-NGD-EAIDQCTNYLLQSGHTSGCLID 87  
DB 37 EVQCFVFWVEYMNCTNWSSEPOPTNLTLHWYKNSDKYQKCSHYLFSEITSGCOL- 95  
QY 88 AEORDILYFSIRNGTHVFTASRMVYLYKPSPK-----HVFSSHODAVTV- 136  
DB 96 -QKKEIHLX-----QTFVQLOQDPREPRRQATQMLKQNLVTPWAPENLTLH 141  
QY 137 ---TCSDSLGYD-----LLEYVQYRSPFDTW-OSKOENTCNVTIEGLDAEKCYSEW 185  
DB 142 KLSQSLEIMNNRFLNLCLEHLVQYRDMDSWTEQSVYRHKRSLPSVDQKRYTFRV 201  
QY 186 RYKAMEDYGPDTYPSDMSEVTCW 209  
DB 202 RSR-FNPLCGSAQHSWESHPIHW 224

RESULT 13  
US-08-595-974-11

; Sequence 11, Application US/08595974  
; Patent No. 3705608

; GENERAL INFORMATION:

APPLICANT: SUGAMURA, KAZUO  
APPLICANT: TAKESHITA, TOSHIKAZU  
APPLICANT: ASAO, HIRONOBU  
APPLICANT: NAKAMURA, MASATKA  
APPLICANT: SHIMAMURA, TOSHIRO  
APPLICANT: SUZUKI, MANABU  
APPLICANT: HAMURO, JUNJI  
TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MATER & NEUSTADT,  
STREET: 1755 S. Jefferson Davis Highway, Suite 400  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22202

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION NUMBER: US/08/595,974  
APPLICATION NUMBER: US/08/595,974  
FILING DATE: 06-FEB-1996

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/052,205

FILING DATE: 22-APR-1993

APPLICATION NUMBER: JP 104947/1992

FILING DATE: 23-APR-1992

ATTORNEY/AGENT INFORMATION:

NAME: Oblon, No. 5705608man F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 10-615-0X

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 413-3000  
TELEFAX: (703) 413-2220  
TELEX: 248855 OPAT UR  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 230 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-595-974-11

Query Match 8.0%; Score 159.5; DB 1; Length 230;  
Best Local Similarity 25.0%; Pred. No. 8.5e-09;  
Matches 51; Conservative 42; Mismatches 70; Indels 41; Gaps 10;

QY 31 QIQLIYENLETVQVWNSKYSR-TNLFPHYRF-NGD-EAYDOCTNYLLQEGHSGCLLD 87  
Db 37 EVQCFEYFVEMNCTNNSSEPQPTNLTLHYWKNSDNDKVKCSHYLFSEETISGCOL- 95  
QY 88 AEORDILYFSIRNGTHPFTASRMVYLYLKPSPK-----HYFESHQDAVTV- 136  
Db 96 -QKKEIHL-----QTFVYQLQDREPRRQATQMLKQLNLYIPWAPENLTLH 141  
QY 137 ----TCSDSLSTYGD-----LYEVQYRSPFDTEW-QSKQENTCNVTEGLDAEKCYSEFW 185  
Db 142 KLSSEQLLENNRNRLNHLCHLEHLVQYRTDMDHSWTEQSVYDHRKFSLPVDQKRTFRV 201  
QY 186 RKVAMEDVYGPPTYSDMSSEVTCW 209  
Db 202 RSR-FNPICGSAQHWSEWSHPPIHW 224

## RESULT 14

US-08-052-205-9  
Sequence 9, Application US/08052205  
Patent No. 5510259  
GENERAL INFORMATION:  
APPLICANT: SUGAMURA, KAZUO  
APPLICANT: TAKESHITA, TOSHIKAZU  
APPLICANT: ASAO, HIRONOBU  
APPLICANT: NAKAMURA, MASATARA  
APPLICANT: SHIMAMURA, TOSHIRO  
APPLICANT: SUZUKI, MANABU  
APPLICANT: HAMURO, JUNJI  
TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,  
STREET: 1755 S. Jefferson Davis Highway, Suite 400  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/052,205  
FILING DATE: 19930422  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 104947/1992  
FILING DATE: 23-APR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Oblon, No. 5510259man F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 10-615-0X  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 413-3000  
TELEFAX: (703) 413-2220

TELEX: 248855 OPAT UR  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 252 amino acids  
TYPE: AMINO ACID  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-052-205-9

Query Match 8.0%; Score 159.5; DB 1; Length 252;  
Best Local Similarity 25.0%; Pred. No. 9.8e-09;  
Matches 51; Conservative 42; Mismatches 70; Indels 41; Gaps 10;

QY 31 QIQLIYENLETVQVWNSKYSR-TNLFPHYRF-NGD-EAYDOCTNYLLQEGHSGCLLD 87  
Db 59 EVQCFEYFVEMNCTNNSSEPQPTNLTLHYWKNSDNDKVKCSHYLFSEETISGCOL- 117  
QY 88 AEORDILYFSIRNGTHPFTASRMVYLYLKPSPK-----HYFESHQDAVTV- 136  
Db 118 -QKKEIHL-----QTFVYQLQDREPRRQATQMLKQLNLYIPWAPENLTLH 163  
QY 137 ----TCSDSLSTYGD-----LYEVQYRSPFDTEW-QSKQENTCNVTEGLDAEKCYSEFW 185  
Db 164 KLSSEQLLENNRNRLNHLCHLEHLVQYRTDMDHSWTEQSVYDHRKFSLPVDQKRTFRV 223  
QY 186 RKVAMEDVYGPPTYSDMSSEVTCW 209  
Db 224 RSR-FNPICGSAQHWSEWSHPPIHW 246

## RESULT 15

US-08-595-974-9  
Sequence 9, Application US/08595974  
Patent No. 5705608  
GENERAL INFORMATION:  
APPLICANT: SUGAMURA, KAZUO  
APPLICANT: TAKESHITA, TOSHIKAZU  
APPLICANT: ASAO, HIRONOBU  
APPLICANT: NAKAMURA, MASATARA  
APPLICANT: SHIMAMURA, TOSHIRO  
APPLICANT: SUZUKI, MANABU  
APPLICANT: HAMURO, JUNJI  
TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,  
STREET: 1755 S. Jefferson Davis Highway, Suite 400  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/595,974  
FILING DATE: 06-FEB-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/052,205  
FILING DATE: 22-APR-1993  
APPLICATION NUMBER: JP 104947/1992  
FILING DATE: 23-APR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Oblon, No. 5705608man F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 10-615-0X  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 413-3000  
TELEFAX: (703) 413-2220







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OY	61	GCGTGGATGCGCTTTGGGCCAAGAGAAGACAGCAAGAAAGAGTACAGATTCCAGATCATCTAC	120
Db	61	GGCTGGATGCGCTTTGGGGCCAAGGAGGAGCAGCAAGAAAGAGTACAGATTCCAGATCATCTAC	120
OY	121	TTCGAATTGAACACCCTGGCGAGGTGCATGGAATGCCAGCAATAACTCCAGAACCACTTG	180
Db	121	TTCGAATTGAACACCCTGGCGAGGTGCATGGAATGCCAGCAATAACTCCAGAACCACTTG	180
OY	181	ACCTTCCACTACAGATTCAACGGTGTGAGAGCCCTATGACCAGTGCACCAACTACCTTCTC	240
Db	181	ACCTTCCACTACAGATTCAACGGTGTGAGAGCCCTATGACCAGTGCACCAACTACCTTCTC	240
OY	241	CAGGAAGTGCACCTTCGGGGTCCCTTCATAGACAGCAGACGCGAGAACAATCTCTAT	300
Db	241	CAGGAAGTGCACCTTCGGGGTCCCTTCATAGACAGCAGACGCGAGAACAATCTCTAT	300
OY	301	TTCCTCATCAGAGANTGGAGCACCCGTTTTCCACCGCAAGTCGCTGGATGGTTTATAC	360
Db	301	TTCCTCATCAGAGANTGGAGCACCCGTTTTCCACCGCAAGTCGCTGGATGGTTTATAC	360
OY	361	CTGA AACCCAGTTCCCGGGAAGACGTTGAGATTTTGTGGCATACAGAGTCACTGACGGTG	420
Db	361	CTGA AACCCAGTTCCCGGGAAGACGTTGAGATTTTGTGGCATACAGAGTCACTGACGGTG	420
OY	421	ACGTGTTCTGACCTGTCTACGGGGATCTCCTATGAGGTTCACTAACCGGAGCCCCCTTC	480
Db	421	ACGTGTTCTGACCTGTCTACGGGGATCTCCTATGAGGTTCACTAACCGGAGCCCCCTTC	480
OY	481	GACACCGAGTGGCATCTCCAAACAGAAAAATACCTGCAACGTCACCATAGAAAGCTTGGAT	540
Db	481	GACACCGAGTGGCATCTCCAAACAGAAAAATACCTGCAACGTCACCATAGAAAGCTTGGAT	540
OY	541	GCCGGAAGTGTACTCTTTCTGGGTCAAGGGTGAAGGCTATGGAGGATGCTATAGGGCCA	600
Db	541	GCCGGAAGTGTGTACTCTTTCTGGGTCAAGGGTGAAGGCTATGGAGGATGCTATAGGGCCA	600
OY	601	GACACATCCCAACGCACTGGTCAAGSTGACATGCTGGCGAGAGAGCGGAGATTCCGGAT	660
Db	601	GACACATCCCAACGCACTGGTCAAGSTGACATGCTGGCGAGAGAGCGGAGATTCCGGAT	660
OY	661	GCTGTGCAGAGAACCAACAGCCTCCCAAACCAAGGCTGCCAAATTAATTTAATTTCC	720
Db	661	GCTGTGCAGAGAACCAACAGCCTCCCAAACCAAGGCTGCCAAATTAATTTAATTTCC	720
OY	721	AGCCTGGCACTCCTTCTGATGTTGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	780
Db	721	AGCCTGGCACTCCTTCTGATGTTGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	780
OY	781	GTAAGAAGATTTCATTTCCAGGTGCCAGACCCGAAATTCATTTTCCCAGGCTCTTT	840
Db	781	GTAAGAAGATTTCATTTCCAGGTGCCAGACCCGAAATTCATTTTCCCAGGCTCTTT	840
OY	841	GAAATACACCAAGGAATTCCAGAGTGTATACAGACACCCAGAAACGTTGGCCCACTTC	900
Db	841	GAAATACACCAAGGAATTCCAGAGTGTATACAGACACCCAGAAACGTTGGCCCACTTC	900
OY	901	CACAAATGGCAGGTGCAGAGCAAGAAATGGGCCCGGAGAGCCCTGTGATGCAGTTG	960
Db	901	CACAAATGGCAGGTGCAGAGCAAGAAATGGGCCCGGAGAGCCCTGTGATGCAGTTG	960
OY	961	GCCAAAGCTGAAGCCGAGTCTCCAGAGATGCTGAGACCCAGACCGAGAGAAAAGGGCC	1020
Db	961	GCCAAAGCTGAAGCCGAGTCTCCAGAGATGCTGAGACCCAGACCGAGAGAAAAGGGCC	1020
OY	1021	TCTGGGGATTCCTCCAGCTTCCCAACAGCCCTTCCAAAGCGCGGTATGTGTCACAATC	1080
Db	1021	TCTGGGGATTCCTCCAGCTTCCCAACAGCCCTTCCAAAGCGCGGTATGTGTCACAATC	1080
OY	1081	GGGGGCTTACCTTGTATGATAGACGCTCTTAGGGGCTTGTGATGGAACACACAC	1140
Db	1081	GGGGGCTTACCTTGTATGATAGACGCTCTTAGGGGCTTGTGATGGAACACACAC	1140

QY	1141	TGTCAAAGTC	AACGT	CAGATC	CACGTT	CACATTTAAAGACAGAGGGGACTG	CCCGGG	1200
Db	1141	TGTCAAGTCA	CAAGTC	CAGATTCACGTTGACATTTAAAGACAGAGGGACTG	CCCCGGG	1200		
QY	1201	ACTCCACAC	CACCAT	GTGATGGGAAGTCC	CCACGCAATGATG	TAGACTAGAGACTCT	1260	
Db	1201	ACTCCACAC	CACCAT	GTGATGGGAAGTCCACGCAATGATG	TAGACTAGAGACTCT	1260		
QY	1261	GAAGACCA	CGCCTC	ACGSCCTAATG	CGGCACTG	CCCTGCTAACTTTCCCGCACATGAGT	1320	
Db	1261	GAAGACCA	CGCCTC	ACGSCCTAATGCGGCACTG	CCCTGCTAACTTTCCCGCACATGAGT	1320		
QY	1321	CTCTGTGTT	CAAAAGC	CTTGATG	GGAGATGGGAGC	CAATTTGCTCCAGAGATTTACTCC	1380	
Db	1321	CTCTGTGTT	CAAAAGC	CTTGATG	GGAGATGGGAGC	CAATTTGCTCCAGAGATTTACTCC	1380	
QY	1381	GTTCTTTT	CGTGCC	TGAAGCTTG	TCATAAACC	CAAGAGAGACAGTC	CAAAATCGT	1440
Db	1381	GTTCTTTT	CGTGCC	TGAAGCTTGTCAT	AAACCCCAAGAGACAGCTCC	CAAAATCGT	1440	
QY	1441	TAAACCAT	CTTCC	CACCTCTGT	GATGCC	AGTCCGTC	ATCATCTGTTCCATAGCAT	1500
Db	1441	TAAACCAT	CTTCC	CACCTCTGT	GATGCC	AGTCCGTC	ATCATCTGTTCCATAGCAT	1500
QY	1501	TGGATTC	CGAGAGATTTT	TGCTGTG	TTGAGAC	CCAAACACAC	CTTACCCCTACAA	1560
Db	1501	TGGATTC	CGAGAGATTTT	TGCTGTG	TTGAGAC	CCAAACAC	CTTACCCCTACAA	1560
QY	1561	AAAAAAAAAA	1573					
Db	1561	AAAAAAAAAA	1573					

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RESULT 2
US-09-376-430-1
; Sequence 1, Application US/09376430
; Publication No. US20030028006A1
; GENERAL INFORMATION:
; APPLICANT: Moore, Paul A.
; APPLICANT: kosen, Craig A.
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Cytokine Receptor Common Gamma Chain Like
; FILE REFERENCE: PF466P1
; CURRENT APPLICATION NUMBER: US/09/376,430
; EARLIER FILING DATE: 1999-08-18
; EARLIER APPLICATION NUMBER: 60/086,505
; EARLIER FILING DATE: 1998-05-22
; EARLIER APPLICATION NUMBER: 60/078,563
; EARLIER FILING DATE: 1998-03-19
; EARLIER APPLICATION NUMBER: 09/263,626
; EARLIER FILING DATE: 1999-03-05
; EARLIER APPLICATION NUMBER: PCT/US99/05068
; EARLIER FILING DATE: 1999-03-05
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
;
; TYPE: DNA
; LENGTH: 1573
;
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (13)..(1125)
; US-09-376-430-1

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Query Match	100.0%	Score 1573;	DB 9;	Length 1573;
Best Local Similarity	100.0%	Pred. No. 0;		
Matches 1573;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
0Y	1	CGGACGAGGAGGATGGGCGGCTGGTTGCTGTGTGGGAGCTGCGGCTCTTTCTGTGGGA	60	
Db	1	CGGACGAGGAGGATGGGCGGCTGGTTGCTGTGTGGGAGCTGCGGCTCTTTCTGTGGGA	60	
0Y	61	GCGTGAATGGCTTTTGGGCGAAGAGGACACAGAAAGAGTACAGATTCAGATCATCTATC	120	



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OY 121 TTCATTTAGAAACCGTGCAGTGCATGGAATGCGAAGAAATATCTCAGAGCAACCTG 180
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Db 121 TTCATTTAGAAACCGTGCAGTGCATGGAATGCGAAGAAATATCTCAGAGCAACCTG 180
OY 181 ACCTTCCACTACAGATTTCAACGGTATGAGGCGCTATGACAGTGCACCAACTACTCTTC 240
    |||||||
Db 181 ACCTTCCACTACAGATTTCAACGGTATGAGGCGCTATGACAGTGCACCAACTACTCTTC 240
OY 241 CAGGAAGTGCACACTTCCGGGGTGCCTCTGACGCGACAGACAGAGAGAGAGCATTTCTAT 300
    |||||||
Db 241 CAGGAAGTGCACACTTCCGGGGTGCCTCTGACGCGACAGACAGAGAGAGAGCATTTCTAT 300
OY 301 TTCTCATCAGGAATGGGAGCAGCCCGTTTTCACGCGCAAGTGCCTGATGTTTATTAAC 360
    |||||||
Db 301 TTCTCATCAGGAATGGGAGCAGCCCGTTTTCACGCGCAAGTGCCTGATGTTTATTAAC 360
OY 361 CTGAAGCCAGTTCCCGGAGAGCAGTGAATTTTCTGTCATCAGATGCGAGTGCAGCGTG 420
    |||||||
Db 361 CTGAAGCCAGTTCCCGGAGAGCAGTGAATTTTCTGTCATCAGATGCGAGTGCAGCGTG 420
OY 421 ACCTGTTCTGACCTGTCTACGGGAGTCTCTCTATGAGTTCAATACGGAGCCCTTC 480
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Db 421 ACCTGTTCTGACCTGTCTACGGGAGTCTCTCTATGAGTTCAATACGGAGCCCTTC 480
OY 481 GACACCGAGTGCAGTCCAAACAGAGAAATACCTGCAACGTACATAGAGGCTTGAT 540
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Db 481 GACACCGAGTGCAGTCCAAACAGAGAAATACCTGCAACGTACATAGAGGCTTGAT 540
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Db 541 GCCGGAAGTGTACTCTTTCTGGGTCAGGGTGAAGGCTATGAGAGATTAATGGGCA 600
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    |||||||
Db 601 GACACATCCCAAGGAGCTGTCAAGAGTGCATGCTGCGACAGAGAGGAGATTTGGGAT 660
OY 661 GCTGTGAGAGACACCAAGGCTCCCAACCAAGCTGTCCAATTTAATTTTCC 720
    |||||||
Db 661 GCTGTGAGAGACACCAAGGCTCCCAACCAAGCTGTCCAATTTAATTTTCC 720
OY 721 AGCTGGCCATCTTCTGATGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 780
    |||||||
Db 721 AGCTGGCCATCTTCTGATGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 780
OY 781 GTGAAGAATTTTCATTTCCAGGCTGCGACACCCGAAATCCATCTTCCCGGCTCTTT 840
    |||||||
Db 781 GTGAAGAATTTTCATTTCCAGGCTGCGACACCCGAAATCCATCTTCCCGGCTCTTT 840
OY 841 GAGATACACCAAGGAACTTCCAGAGTGCATCAGACACCCGAAAGTGGCCACCTC 900
    |||||||
Db 841 GAGATACACCAAGGAACTTCCAGAGTGCATCAGACACCCGAAAGTGGCCACCTC 900
OY 901 CACAAGATGCGAGTGCAGAGCAAGAAATGCGCCGAGAGAGCCCTGTAGTCCAGTTG 960
    |||||||
Db 901 CACAAGATGCGAGTGCAGAGCAAGAAATGCGCCGAGAGAGCCCTGTAGTCCAGTTG 960
OY 961 GCCAAGACTGAAGCCGAGTCTCCAGAGTCTGGAACCCAGACCGAGAGAGAGAGCC 1020
    |||||||
Db 961 GCCAAGACTGAAGCCGAGTCTCCAGAGTCTGGAACCCAGACCGAGAGAGAGAGAGCC 1020
OY 1021 TCTGGGGGATCCCTCAGCTTCCCAACAGCCCTCCAAAGGCGGTGATGTGTCACAATC 1080
    |||||||
Db 1021 TCTGGGGGATCCCTCAGCTTCCCAACAGCCCTCCAAAGGCGGTGATGTGTCACAATC 1080
OY 1081 GGGGCGTTACCTTTTGATGATGACCGCTCTAGTGGCTTTGATGACACACAC 1140
    |||||||
Db 1081 GGGGCGTTACCTTTTGATGATGACCGCTCTAGTGGCTTTGATGACACACAC 1140
OY 1141 TGTCAAAAGTCAAGTGCAGATCCAGCTTGAATTTAAAGACAGAGGAGTGTCCGGGG 1200
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Db 1141 TGTCAAAAGTCAAGTGCAGATCCAGCTTGAATTTAAAGACAGAGGAGTGTCCGGGG 1200

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OY 1201 ACTCCACACCAATGATGGAAGTCTCCAGGCAATGATGATAGAGACTCT 1260
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Db 1201 ACTCCACACCAATGATGGAAGTCTCCAGGCAATGATGATAGAGACTCT 1260
OY 1261 GAAGACCCAGCTTACCGCTTAATGGGCGCACTGCTCTTAAGTTTCCCAATGAGT 1320
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Db 1261 GAAGACCCAGCTTACCGCTTAATGGGCGCACTGCTCTTAAGTTTCCCAATGAGT 1320
OY 1321 CTCTGTCTCAAAAGCTTGAATGGAGATGGAGGCAATTTGTTCCAGAGATTTACTCCA 1380
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Db 1321 CTCTGTCTCAAAAGCTTGAATGGAGATGGAGGCAATTTGTTCCAGAGATTTACTCCA 1380
OY 1381 GTTCTTTTGTGCTGACGCTTGAAGCTGTGTCATTAACCCCAAGGAGACGTCCAAATGCTG 1440
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OY 1441 TAAACCATCTTCCACTCTGTGATGCCCGCAGTTCGCTCATGTACTGTTCATAGCAT 1500
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Db 1441 TAAACCATCTTCCACTCTGTGATGCCCGCAGTTCGCTCATGTACTGTTCATAGCAT 1500
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RESULT 4
US-10-078-059-26
; Sequence 26, Application US/10078059
; Publication No. US2002019305A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Cytokine Receptor Common Gamma Chain Like
; FILE REFERENCE: P466P2
; CURRENT APPLICATION NUMBER: US/10/078,059
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/269,876
; PRIOR FILING DATE: 2001-02-21
; PRIOR APPLICATION NUMBER: PCT/US00/22493
; PRIOR FILING DATE: 2000-08-17
; PRIOR APPLICATION NUMBER: 09/376,430
; PRIOR FILING DATE: 1999-08-18
; PRIOR APPLICATION NUMBER: 09/263,626
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: PCT/US99/05068
; PRIOR FILING DATE: 1998-03-05
; PRIOR APPLICATION NUMBER: 60/086,505
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/078,563
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 1567
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (830)
; OTHER INFORMATION: n equals a, t, g or c
; NAME/KEY: misc_feature
; LOCATION: (416)
; OTHER INFORMATION: y equals c or t
; NAME/KEY: misc_feature
; LOCATION: (784)
; OTHER INFORMATION: m equals a or c
; NAME/KEY: misc_feature
; LOCATION: (785)
; OTHER INFORMATION: y equals c or t
US-10-078-059-26

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Query Match          95.4%; Score 1500.2; DB 9; Length 1567;
Best Local Similarity 98.7%; Pred. No. 0;
Matches 1546; Conservative 7; Mismatches 6; Indels 7; Gaps 4;

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QY 9 GGCATGGGGGCTGTTCTGCTGTGGGAGCTCCGCTCTTCTGCTGGAGGCTGGAT 68  
 1 GGGCATGGGGGCTGTTCTGCTGTGGGAGCTCCGCTCTTCTGCTGGAGGCTGGAT 60  
 QY 69 GGCCTTGGGGGAG 128  
 61 GGCCTTGGGGGAG 120  
 QY 129 AGAAACCTGAG 188  
 121 AGAAACCTGAG 180  
 QY 189 CTACAGATTCAAGCTGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 248  
 181 CTACAGATTCAAGCTGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 240  
 QY 249 TCACACTTGGGGGCTGCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 308  
 241 TCACACTTGGGGGCTGCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 300  
 QY 309 CAGAGATGGAG 368  
 301 CAGAGATGGAG 360  
 QY 369 CAGTTCCCGAG 428  
 361 CAGTTCCCGAG 415  
 QY 429 T-GAAGCTGCTGAG 487  
 416 YGAGAGCTGCTGAG 475  
 QY 488 AGTGGAGATCCAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 547  
 476 AGTGGAGATCCAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 535  
 QY 548 AGTGTACTCTTCTGAG 607  
 536 AGTGTACTCTTCTGAG 595  
 QY 608 ACCCAAGGAG 667  
 596 ACCCAAGGAG 655  
 QY 668 CAG 727  
 656 CAG 715  
 QY 728 CCATCTCTTCTGAG 787  
 716 CCATCTCTTCTGAG 775  
 QY 788 AGTTTCATCTTCCAG 847  
 776 AGTTTCATCTTCCAG 835  
 QY 848 ACCAAGGAG 907  
 836 ACCAAGGAG 895  
 QY 908 TGGAG 967  
 896 TGGAG 955  
 QY 968 CTGAAGCGAG 1027  
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 QY 1028 GATCCCTCAG 1087  
 1016 GATCCCTCAG 1075

QY 1088 TCACCTTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1147  
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 QY 1148 GTCAAGCTGAG 1207  
 1136 GTCAAGCTGAG 1195  
 QY 1208 ACCACCATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1267  
 1196 ACCACCATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1255  
 QY 1268 CAGCCTCAG 1327  
 1256 CAGCCTCAG 1315  
 QY 1328 TTCAAGAGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1387  
 1316 TTCAAGAGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1375  
 QY 1388 TTGAGAGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1447  
 1376 TTGAGAGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1434  
 QY 1448 ATCTTCCACTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1507  
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 QY 1508 TCGAGAGATTTTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1567  
 1495 TCGAGAGATTTTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1554  
 QY 1568 AAAAAA 1573  
 1555 AAAAAA 1560

RESULT 5  
 US-09-376-430-26  
 ; Sequence 26, Application US/09376430  
 ; Publication No. US2003028006A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Moore, Paul A.  
 ; APPLICANT: Rosen, Steven M.  
 ; APPLICANT: Ruben, Steven M.  
 ; TITLE OF INVENTION: Cytochrome Receptor Common Gamma Chain Like  
 ; FILE REFERENCE: P466p1  
 ; CURRENT APPLICATION NUMBER: US/09/376,430  
 ; EARLIER FILING DATE: 1999-08-18  
 ; EARLIER FILING DATE: 1998-05-22  
 ; EARLIER FILING DATE: 1998-03-19  
 ; EARLIER FILING DATE: 1998-03-19  
 ; EARLIER FILING DATE: 1999-03-05  
 ; EARLIER FILING DATE: 1999-03-05  
 ; EARLIER FILING DATE: 1999-03-05  
 ; NUMBER OF SEQ ID NOS: 32  
 ; SOFTWARE: Patent Ver. 2.0  
 ; SEQ ID NO 26  
 ; LENGTH: 1567  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: (830)  
 ; OTHER INFORMATION: n equals a, t, g or c  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: (416)  
 ; OTHER INFORMATION: y equals c or t  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature

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; LOCATION: (784)
; OTHER INFORMATION: m equals a or c
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (785)
; OTHER INFORMATION: y equals c or t
us-09-376-430-26

```

```

Query Match      95.4%; Score 1500.2; DB 9; Length 1567;
Best Local Similarity 98.7%; Pred. No. 0;
Matches 1546; Conservative 7; Mismatches 6; Indels 7; Gaps 4;

```

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QY 9 GGGCATGGGGCGCGCTGCTCTGCTGAGAGCTGCGCTCTTTGCTGGAGAGCTGGAT 68
Db 1 GGGCATGGGGCGCGCTGCTCTGCTGAGAGCTGCGCTCTTTGCTGGAGAGCTGGAT 60
QY 69 GCGTTTGGGGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 128
Db 61 GCGTTTGGGGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 120
QY 129 AGAAACCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 188
Db 121 AGAAACCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 180
QY 189 CTACAGATTCACGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 248
Db 181 CTACAGATTCACGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 240
QY 249 TCACACTTCGGGGTGCCTCTAGACAGAGAGAGAGAGAGAGAGAGAGAGAGAG 308
Db 241 TCACACTTCGGGGTGCCTCTAGACAGAGAGAGAGAGAGAGAGAGAGAGAGAG 300
QY 309 CAGGAATGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 368
Db 301 CAGGAATGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360
QY 369 CAGTTCCCGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 428
Db 361 CAGTTCCCGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 428
QY 429 T-GACCTGCTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 487
Db 429 T-GACCTGCTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 487
QY 488 AGTGGAGTCCAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 547
Db 476 AGTGGAGTCCAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 547
QY 548 AGTGTACTCTTTCTGGGTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 607
Db 536 AGTGTACTCTTTCTGGGTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 595
QY 608 ACCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 667
Db 596 ACCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 655
QY 668 CAGAGACACCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 727
Db 656 CAGAGACACCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 715
QY 728 CCATCTCTTGTAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 787
Db 716 CCATCTCTTGTAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 775
QY 788 AGTTTTCATCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 847
Db 776 AGTTTTCATCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 835
QY 848 ACCAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 907
Db 836 ACCAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 895
QY 908 TGGCAGGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 967

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Db 896 TGGCAGGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 955
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Db 956 CTGAAGCCGAGTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1015
QY 1028 GATCCCTCCAGAGTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1087
Db 1016 GATCCCTCCAGAGTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1075
QY 1088 TCACCTTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1147
Db 1076 TCACCTTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1135
QY 1148 GTCAAGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1207
Db 1136 GTCAAGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1195
QY 1208 ACCACATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1267
Db 1196 ACCACATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1255
QY 1268 CAGCTTCACCGCTTAATGCGGCGACAGTGCCTGCTAATTTCCCAATGAGTCTGTG 1327
Db 1256 CAGCTTCACCGCTTAATGCGGCGACAGTGCCTGCTAATTTCCCAATGAGTCTGTG 1315
QY 1328 TTCAAGGCTTATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1387
Db 1316 TTCAAGGCTTATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1375
QY 1388 TTGAGGCTTATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1447
Db 1376 TTGAGGCTTATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1434
QY 1448 ATCTTCCCACTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1507
Db 1435 ATCTTCCCACTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1494
QY 1508 TCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1567
Db 1495 TCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1554
QY 1568 AAAAAA 1573
Db 1555 AAAAAA 1560

```

```

RESULT 6
US-09-895-593-10
; Sequence 10, Application US/09895593
; Patent No. US20020160949A1
; GENERAL INFORMATION:
; APPLICANT: Pandey, Akhilesh
; APPLICANT: Ozaki, Katsutoshi
; APPLICANT: Baumann, Heinz
; APPLICANT: Levin, Steven D.
; APPLICANT: Fair, Andrew G.
; APPLICANT: Ziegler, Steven F.
; APPLICANT: Leonard, Warren J.
; APPLICANT: Lodish, Harvey F.
; TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and
; FILE REFERENCE: 00-514-E
; CURRENT APPLICATION NUMBER: US/09/895,593
; PRIOR APPLICATION NUMBER: 2001-06-28
; PRIOR FILING DATE: 2000-06-28
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 10
; LENGTH: 1379
; TYPE: DNA

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424 TGTTCGACCTGTCTTACAGGGGATCTCTCTATGAGTTCAAGTACCGGAGCCCTTCGAC 483
473 TGTTCGACCTGTCTTACAGGGGATCTCTCTATGAGTTCAAGTACCGGAGCCCTTCGAC 532
484 ACCGAGTGGGACGTCACCAAGAGAAATACCTGCAACGTACCAATAGAGGCTTGATGCC 543
533 ACCGAGTGGGACGTCACCAAGAGAAATACCTGCAACGTACCAATAGAGGCTTGATGCC 592
544 GAGAAGTGTACTCTTCTGGGTGAGGTTAGAGGCTATGAGGATGTATATGGGCGACAG 603
593 GAGAAGTGTACTCTTCTGGGTGAGGTTAGAGGCTATGAGGATGTATATGGGCGACAG 652
604 ACATACCAACGAGCTGTCTGAGGTTGATGATGCTGGAGAGAGGCGATTCGGGATGCC 663
653 ACATACCAACGAGCTGTCTGAGGTTGATGATGCTGGAGAGAGGCGATTCGGGATGCC 712
664 TGTGAGAGACACCAACGCTCCCAACCAAGCTGTCCAAATTTATTTATTTTCGAGC 723
713 TGTGAGAGACACCAACGCTCCCAACCAAGCTGTCCAAATTTATTTATTTTCGAGC 772
724 CTGGCCATCTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 783
773 CTGGCCATCTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 832
784 AAGAGTTTCTATTCCTCCAGCTGCGACAGCCGAAATCCATCTTCCCGGCTTTGAG 843
833 AAGAGTTTCTATTCCTCCAGCTGCGACAGCCGAAATCCATCTTCCCGGCTTTGAG 892
844 ATACACCAAGGAACTTCCAGAGTGTGATCAGACACCCGAAAGCTGGCCACCTCCAC 903
893 ATACACCAAGGAACTTCCAGAGTGTGATCAGACACCCGAAAGCTGGCCACCTCCAC 952
904 AAGAGTTTCTATTCCTCCAGCTGCGACAGCCGAAATCCATCTTCCCGGCTTTGAG 963
953 AAGAGTTTCTATTCCTCCAGCTGCGACAGCCGAAATCCATCTTCCCGGCTTTGAG 1012
964 AAGAGTTTCTATTCCTCCAGCTGCGACAGCCGAAATCCATCTTCCCGGCTTTGAG 1023
1013 AAGAGTTTCTATTCCTCCAGCTGCGACAGCCGAAATCCATCTTCCCGGCTTTGAG 1072
1024 GGGGAGTCTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1083
1073 GGGGAGTCTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1132
1084 GGGGAGTCTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1143
1133 GGGGAGTCTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1192
1144 CAAA 1147
1193 GACA 1196

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RESULT 9
US-09-895-943-11
Sequence 11, Application us/09895943
Patent No. US2002006823A1
GENERAL INFORMATION:
APPLICANT: Sais, Chris
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and
TITLE OF INVENTION: Uses Thereof
FILE REFERENCE: 00-514-C
CURRENT APPLICATION NUMBER: US/09/895,943
PRIOR FILING DATE: 2001-06-28
PRIOR APPLICATION NUMBER: 60/214,866
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 11
LENGTH: 1415
TYPE: DNA
ORGANISM: Artificial Sequence

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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Clone 9508990
OTHER INFORMATION: containing human TSLP-R FLAG sequence
NAME/KEY: misc.feature
LOCATION: (1)..(60)
OTHER INFORMATION: Vector sequence
NAME/KEY: sig.peptide
LOCATION: (62)..(127)
NAME/KEY: misc.feature
LOCATION: (755)..(817)
OTHER INFORMATION: Predicted transmembrane domain coding sequence
NAME/KEY: misc.feature
LOCATION: (1175)..(1201)
OTHER INFORMATION: FLAG coding sequence
NAME/KEY: misc.feature
LOCATION: (1202)..(1415)
OTHER INFORMATION: Vector sequence
US-09-895-943-11

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Query Match: 70.9%; Score 115.2; DB 10; Length 1415;
Best Local Similarity 98.4%; Pred. No. 0;
Matches 1126; Conservative 0; Mismatches 18; Indels 0; Gaps 0;

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4 CACGAGGGGATGGGCGGCTGTTCTGCTGGGAGAGTGGCGTCTTCTGCTGGAGGC 63
53 CACTGGCCATGGGCGGCTGTTCTGCTGGGAGAGTGGCGTCTTCTGCTGGAGGC 112
64 TGTATGGCTTTGGGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 123
113 TGTATGGCTTTGGGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 172
124 AATTTGAAACCGTGAGGTGATGATGATGATGATGATGATGATGATGATGATGATG 183
173 AATTTGAAACCGTGAGGTGATGATGATGATGATGATGATGATGATGATGATGATG 232
184 TTCCATACAGATTCACAGGTGATGATGATGATGATGATGATGATGATGATGATGATG 243
233 TTCCATACAGATTCACAGGTGATGATGATGATGATGATGATGATGATGATGATGATG 292
244 GAAAGTACACCTTGGGCGGCTGTTCTGCTGGGAGAGTGGCGTCTTCTGCTGGAGGC 303
293 GAAAGTACACCTTGGGCGGCTGTTCTGCTGGGAGAGTGGCGTCTTCTGCTGGAGGC 352
304 TTCCATACAGATTCACAGGTGATGATGATGATGATGATGATGATGATGATGATGATG 363
353 TTCCATACAGATTCACAGGTGATGATGATGATGATGATGATGATGATGATGATGATG 412
364 AAACCCAGTTCCCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 423
413 AAACCCAGTTCCCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 472
424 TGTTCGACCTGTCTTACAGGGGATCTCTCTATGAGTTCAAGTACCGGAGCCCTTCGAC 483
473 TGTTCGACCTGTCTTACAGGGGATCTCTCTATGAGTTCAAGTACCGGAGCCCTTCGAC 532
484 ACCGAGTGGGACGTCACCAAGAGAAATACCTGCAACGTACCAATAGAGGCTTGATGCC 543
533 ACCGAGTGGGACGTCACCAAGAGAAATACCTGCAACGTACCAATAGAGGCTTGATGCC 592
544 GAGAAGTGTACTCTTCTGGGTGAGGTTAGAGGCTATGAGGATGTATATGGGCGACAG 603
593 GAGAAGTGTACTCTTCTGGGTGAGGTTAGAGGCTATGAGGATGTATATGGGCGACAG 652
604 ACATACCAACGAGCTGTCTGAGGTTGATGATGCTGGAGAGAGGCGATTCGGGATGCC 663
653 ACATACCAACGAGCTGTCTGAGGTTGATGATGCTGGAGAGAGGCGATTCGGGATGCC 712
664 TGTGAGAGACACCAACGCTCCCAACCAAGCTGTCCAAATTTATTTATTTTCGAGC 723
713 TGTGAGAGACACCAACGCTCCCAACCAAGCTGTCCAAATTTATTTATTTTCGAGC 772
724 CTGGCCATCTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 783

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.RESULT 10
US-09-895-593-4
: Sequence 4, Application US/09895593
: Patent No. US20020160949A1
GENERAL INFORMATION:
APPLICANT: Pandey, Akhilesh
APPLICANT: Ozaki, Katsutoshi
APPLICANT: Baumann, Heinz
APPLICANT: Levin, Steven D.
APPLICANT: Farr, Andrew G.
APPLICANT: Ziegler, Steven F.
APPLICANT: Leonard, Warren J.
APPLICANT: Lodish, Harvey F.
TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and
FILE REFERENCE: 00-514-E
CURRENT APPLICATION NUMBER: US/09/895,593
CURRENT FILING DATE: 2001-06-28
PRIOR APPLICATION NUMBER: 60/215,658
PRIOR FILING DATE: 2000-06-28
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
: LENGTH: 1116
: TYPE: DNA
: ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)..(1116)
NAME/KEY: sig_peptide
LOCATION: (1)..(66)
NAME/KEY: misc_feature
LOCATION: (694)..(756)
: OTHER INFORMATION: Predicted transmembrane domain coding sequence
US-09-895-593-4

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[illegible]

Db	1	ATGGGGGGCGTGGTTGCTGCTGTGGGAGCGTGCCTCTTTCTGCTGGAGGCGTGATCGCT	60
Qy	73	TTGGGGCAAGAGAGACAGACAGAAAGGATGATCTGATCATCTCAATTGAA	133
Db	61	TTGGGGCAAGAGAGACAGACAGAAAGATGATTCAGTCACTCAATTGAA	12
Qy	133	ACGTGAGGTGATGAAATGCCAGCAATATCTCAGAGCAACCTGACTTTCAGTAC	19
Db	121	ACGTGAGGTGATGAAATGCCAGCAATATCTCAGAGCAACCTGACTTTCAGTAC	18
Qy	193	AGATTCAAGGTGATGAGGCTTATACAGTGCACCAAACTACTCTCCAGAGGTGAC	25
Db	181	AGATTCAAGGTGATGAGGCTTATACAGTGCACCAAACTACTCTCCAGAGGTGAC	24
Qy	253	ACTTGGGGTGGCTCTCTAGACGACAGCAGACACATTCATTTCTCATCAG	31
Db	241	ACTTCAAGGTGGCTCTCTAGACGACAGCAGACACATTCATTTCTCATCAG	30
Qy	313	AATGGAGCACACCCGTTTTCACGCAAGTGGCGATGGTTATTACTGAAACCCAGT	37
Db	301	AATGGAGCACACCCGTTTTCACGCAAGTGGCGATGGTTATTACTGAAACCCAGT	36
Qy	373	TCCCGAAGCACGTGAGATTTTGGTGGCATCAGATGACGTACGCTGTTCTGAC	433
Db	361	TCCCGAAGCACGTGAGATTTTGGTGGCATCAGATGACGTACGCTGTTCTGAC	422
Qy	433	CTGTCTTCCGGGATCTCTCTATGAGGTTCACTACCGACCCCTTGACACGAGTG	492
Db	421	CTGTCTTCCGGGATCTCTCTATGAGGTTCACTACCGACCCCTTGACACGAGTG	480
Qy	493	CAGTCCAAACAGAAATACCTGCACACGTACCATAGAAGCGTTGATGGCAGAACTGT	552
Db	481	CAGTCCAAACAGAAATACCTGCACACGTACCATAGAAGCGTTGATGGCAGAACTGT	540
Qy	553	TACTCTTTCGGGTCAGGGGGAAGGCTATGAGAGATGATATGGCCAGACATACCA	612
Db	541	TACTCTTTCGGGTCAGGGGGAAGGCTATGAGAGATGATATGGCCAGACATACCA	600
Qy	613	AGCGACTGTCAGAGGTGACATGCTGGCAGAGAGCGAGATTTGGGATGGCTGTGAGAG	672
Db	601	AGCGACTGTCAGAGGTGACATGCTGGCAGAGAGCGAGATTTGGGATGGCTGTGAGAG	660
Qy	673	ACACCAACGGCTCCCAAACCAAGCTGTCCAAATTTATTTAAATTCCACCTGGGCATC	732
Db	661	ACACCAACGGCTCCCAAACCAAGCTGTCCAAATTTATTTAAATTCCACCTGGGCATC	720
Qy	733	CTTCTGATGCTCTCTCTCTCTCTCTTATGAAATTAATGAGAGGTGAAGAGTTT	792
Db	721	CTTCTGATGCTCTCTCTCTCTCTCTTATGAAATTAATGAGAGGTGAAGAGTTT	780
Qy	793	CTCATTTCCAGGTCACAGACCCGAAATTCATCTTCCCGGGCTCTTTAGATACACCA	852
Db	781	CTCATTTCCAGGTCACAGACCCGAAATTCATCTTCCCGGGCTCTTTAGATACACCA	840
Qy	853	GGGAACCTTCAGAGATGATACAGAACCCAGAGAGTGGCCACCTCCACAAGTGTCA	912
Db	841	GGGAACCTTCAGAGATGATACAGAACCCAGAGAGTGGCCACCTCCACAAGTGTCA	900
Qy	913	GGTGGAGCAAGAAATGGCCCCGAGAGACCCCTGTATGTCTCAGTTGGCCAAAGATGA	972
Db	901	GGTGGAGCAAGAAATGGCCCCGAGAGACCCCTGTATGTCTCAGTTGGCCAAAGATGA	960
Qy	973	GCCGAGTCTCCAGAGATGCTGGACCCACAGACCCAGAGAGAAAGAGGCTCTGGGGATCC	1032
Db	961	GCCGAGTCTCCAGAGATGCTGGACCCACAGACCCAGAGAGAAAGAGGCTCTGGGGATCC	1020
Qy	1033	CTTCAGCTTCCCAAGAGCCCTTCCAAGGCGGTGATGTGTCAATGGGGGCTTAC	1092
Db	1021	CTTCAGCTTCCCAAGAGCCCTTCCAAGGCGGTGATGTGTCAATGGGGGCTTAC	1080
Qy	1093	TTTGTGATGATGACGCTCTACAGCGGTGAGTTGTA	1128
Db	1081	TTTGTGATGATGACGCTCTACAGCGGTGAGTTGTA	1116





Db	241	ACTTCAGGGGTGGCTCTCTAGACCCAGACGACGACACATCTCTCTATTTCTCCATCAGG	3000
Qy	313	AATGGAGCCACCCCGTTTTCACCGCAAGTGGCTGGATGGTTTATACCTGAACCCAGT	3772
Db	301	AATGGAGCCACCCCGTTTTCACCGCAAGTGGCTGGATGGTTTATACCTGAACCCAGT	3600
Qy	373	TCCCGCAACACGTAGATTTTCGTGGGATAGAGATCAGTGAACGCTGACGTGTTGAC	4322
Db	361	TCCCGCAACACGTAGATTTTCGTGGGATAGAGATCAGTGAACGCTGACGTGTTGAC	4200
Qy	433	CTGTCTTACGGGGATCTCCTATATAGAGTTTCAATACCGGAGCCCTTCGACACCGAGTG	4932
Db	421	CTGTCTTACGGGGATCTCCTATATAGAGTTTCAATACCGGAGCCCTTCGACACCGAGTG	4800
Qy	493	CAGTCCAAACGGAAATTAATCTGCACAGTCCCATTAAGGCTTGGATGCCGGAAGTGT	5522
Db	481	CAGTCCAAACGGAAATTAATCTGCACAGTCCCATTAAGGCTTGGATGCCGGAAGTGT	5400
Qy	553	TACTCTTCTGGGTCAGGGTAAAGGCTATGAGAGATGTATATGGCCACACATATCCCA	6122
Db	541	TACTCTTCTGGGTCAGGGTAAAGGCTATGAGAGATGTATATGGCCACACATATCCCA	6000
Qy	613	AGCGACTGTAGAGGTGACATGCTGCACAGAGGCGAGATTGGGATGCTGTGCAGAG	6722
Db	601	AGCGACTGTAGAGGTGACATGCTGTGCAGAGGCGCAGATTGGGATGCTGTGCAGAG	6600
Qy	673	ACACCACGCTCCCAAAACCAACCTGTCCAAATTTTATTTATTTTCGAGCCGTGGCATC	7322
Db	661	ACACCACGCTCCCAAAACCAACCTGTCCAAATTTTATTTATTTTCGAGCCGTGGCATC	7200
Qy	733	CTTCTGATGGTCTCTCTCCCTTCTGTCTTTATGAAATTTATGGAGAGTGAAGAAGTTT	7922
Db	721	CTTCTGATGGTCTCTCTCCCTTCTGTCTTTATGAAATTTATGGAGAGTGAAGAAGTTT	7800
Qy	793	CTCATTTCCACGTCGACAGACCCGAATTCATCTTCCCGGGCTCTTTGAGATACCCAA	8522
Db	781	CTCATTTCCACGTCGACAGACCCGAATTCATCTTCCCGGGCTCTTTGAGATACCCAA	8400
Qy	853	GGGAATCTCCAGAGTGGATCACAGAACCCAAACAGTGGCCCATCTCCACAAGATGGCA	9122
Db	841	GGGAATCTCCAGAGTGGATCACAGAACCCAAACAGTGGCCCATCTCCACAAGATGGCA	9000
Qy	913	GGTCCAGAGCAAGAAATTTGGCCCCCGAGAGCCCTGTATGTCCAGTTGGCCAAAGCTGA	9722
Db	901	GGTCCAGAGCAAGAAATTTGGCCCCCGAGAGCCCTGTATGTCCAGTTGGCCAAAGCTGA	9600
Qy	973	GCCAGACTCCACAGAGTGTGGAGCCACAGAACCCGAGAGAAAGAGGCCCTCTGGGGATTC	103322
Db	961	GCCAGACTCCACAGAGTGTGGAGCCACAGAACCCGAGAGAAAGAGGCCCTCTGGGGATTC	102022
Qy	1033	CTCCAGCTTCCCAACAGCCCTTCCAAGGCGGTGATGTGGTCAATCGGGGGCTTCACC	109222
Db	1021	CTCCAGCTTCCCAACAGCCCTTCCAAGGCGGTGATGTGGTCAATCGGGGGCTTCACC	108022
Qy	1093	TTTGTGATGATGACCGCTCTCTACAGTGGGGTGTGATGACACACACTGCTCAAA	1147
Db	1081	TTTGTGATGATGACCGCTCTCTACAGTGGGGTGTGATGACACACAGACTGCA	1135

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RESULT 14
US-09-895-593-1
: Sequence 1, Application US/09895593
: Patent No. US20020160949A1
: GENERAL INFORMATION:
: APPLICANT: Pandey, Akhilesh
: APPLICANT: Ozaki, Katsutoshi
: APPLICANT: Baumann, Heinz
: APPLICANT: Levin, Steven D.
: APPLICANT: Farr, Andrew G.
: APPLICANT: Ziegler, Steven F.
: APPLICANT: Leonard, Warren J.
: APPLICANT: Iodish, Harvey F.
: TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and

```

```

? TITLE OF INVENTION: Uses Thereof
? FILE REFERENCE: 00-514-E
? CURRENT APPLICATION NUMBER: US/09/895,593
? PRIORITY FILING DATE: 2001-06-28
? PRIOR APPLICATION NUMBER: 60/215,658
? PRIOR FILING DATE: 2000-06-28
? NUMBER OF SEQ ID NOS: 16
? SOFTWARE: PatentIn Ver. 2.0
? SEQ ID NO 1
? LENGTH: 1409
? TYPE: DNA
? ORGANISM: Mus musculus
? FEATURE:
? NAME/KEY: CDS
? LOCATION: (162)..(1274)
? NAME/KEY: sig_peptide
? LOCATION: (162)..(213)
? NAME/KEY: misc_feature
? LOCATION: (891)..(953)
? OTHER INFORMATION: Predicted transmembrane domain coding sequence
US-09-895-593-1

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Query Match	4.4%	Score 69.4	DB 9.4	Length 1409
Best Local Similarity	47.1%	Pred. No. 2	4e-10	
Matches 355	Conservative 0	Mismatches 356	Indels 42	Gaps 3
QY 230	ACTACCTTCCAGGAAGTCACACTTGGGGTGCTCCTAGACGACGACGACGAGC	289		
DB 373	ATTTCCTGTCGGCGCGCTGGTGTCATTCCGGGGTCATCTCCCGGGGAGAGGGCGGGC	432		
QY 290	ACATTCTCATTTCTCCATTCAGGAATGGAGACGACCCCGTTTTCACCGCAAGTCGCTGGA	349		
DB 433	TGCTGAGCTGGCAGCTGCAGCGAGGAGGGGGCCATGGTGTGTTAAGGCTAAGGACGCGG	492		
QY 350	TGTTTATTACCTGAACACCCAGTTCCCGGAGAGAGCTGATTTTCGCG---CATCAG	406		
DB 493	CGTCCGCGCTGGCTGAAGCCCGCCGACCTTGGAAATGTGACGCTGCTTGAGACACAGAGC	552		
QY 407	ATGCAATGACGGTGAAGCTGTCTGACCTTCCCTACGGGAGATCCCTCTATGAGATTCAAT	466		
DB 553	GGGAGCTACTGCTCTGCTGCTGGCCGACCTCTACCTGGGCGCTGGACACTAGAGGTGCAGC	612		
QY 467	ACCGGAGCCCTTCGACACCCGAG-----TGCAGTCCAAACAGAGAAATACCTGCAACG	520		
DB 613	ACCGGAGAGCAATGACGATGAGGAGCGCTGGCAGACGACCTCAAGGGCCCTGCTGACT	672		
QY 521	TACACATTAAGAGCTTGATGCCGGAAGTGTACTCTTTTGGGTGACGGGTGAAGGCTA	580		
DB 673	TGACATGTGGGGCGGCTCGACCCCGCGCGCTGCTATGACTCTCGGGTGTGGGGTGGCGCC	732		
QY 581	TGGAGAGTATATATGGGCGCAGACATACCCAGAGGACTGTGCAAGGTGACATGCTGGC	640		
DB 733	GGGCGCGCAGTATGGCTGAGGGGCAAGCCTAGGAGATGGACACGGGTGACAGGGCTTT	792		
QY 641	AGAGAGGGAGATTGGGATG-----CCGTG	667		
DB 793	CCGGGGCAGCATCCGCGGGGTGACCCCTGCGCGCCACCTTCCCGCCCTAGCGTCTGTA	852		
QY 668	CAGAGACACCAAGCGCTCCCAACCAAGAGTGTCCAAATTTATTTTAATTTCACGCTGG	727		
DB 853	CCGCAAGCCCCCGCCCAATCCCGCGCGCTGGGCCCGCCCTCTGCCCCCTGGGCTGGCGCC	912		
QY 728	CCATCTCTGTATGGTGTCTCTGCTCCCTCTTGTGTCTTTATGAGAAATATATGAGAGTGAAGA	787		
DB 913	TAGCAGCGCTGTGACACTGTGTCCTGTCTCTGTCCTGGCGCCCTAAGGCTTGCAAGGTGAAG	972		
QY 788	AGTTCTATTTCCAGCGTGCAGACCCGAAATCCATCTTCCCGGGCTCTTTTGAATAC	847		
DB 973	ATGGCTCTGCTCCCTGCTCCCTGACCCACGCGGCTCTTCTCTGAGACTTTTGAAGC	1032		
QY 848	ACCAAGGAAGCTTCCAGGAGTGAATCAGACAGACACCCAGAACGTCGGCCACTCTCCACAGA	907		
DB 1033	ATCACGGGAAGCTTCCAGGCGCTGGATTGGGAGCGCCACAGGCGACCGCCGACGACGAGA	1092		

QY 908 TGGCAGGTGCAGACGACGAAGTGGCCCCGAGG 940  
 Db 1093 CCGAGGAGGAGATGACCTCATCCACCCCAAGG 1125

## RESULT 15

US-09-895-943-1  
 ; Sequence 1, Application US/09895943  
 ; Patent No. US20020068323A1

## GENERAL INFORMATION:

APPLICANT: Saris, Chris  
 APPLICANT: Chang, Ming-Shi  
 TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and  
 FILE REFERENCE: 00-514-C  
 CURRENT APPLICATION NUMBER: US/09/895,943  
 PRIOR APPLICATION NUMBER: 60/214,866  
 PRIOR FILING DATE: 2000-06-28  
 NUMBER OF SEQ ID NOS: 16  
 SOFTWARE: Patentl Ver. 2.0  
 SEQ ID NO 1

LENGTH: 1409

TYPE: DNA

ORGANISM: Mus musculus

FEATURE:

NAME/KEY: CDS

LOCATION: (162)..(1274)

NAME/KEY: sig\_peptide

LOCATION: (162)..(213)

NAME/KEY: msc\_feature

LOCATION: (891)..(953)

OTHER INFORMATION: Predicted transmembrane domain coding sequence

US-09-895-943-1

Query Match 4.4%; Score 69.4; DB 10; Length 1409;

Best Local Similarity 47.1%; Pred. No. 2.4e-10;

Matches 355; Conservative 0; Mismatches 356; Indels 42; Gaps 3;

QY 230 ACTACCTTCCAGAGGACGACACTTCGGGGTCCCTCTAGACGACGACGACGACG 289  
 Db 373 ATTCTCTGTCGGCGCTGCTGCTCATCTCCGCGCGAGGGCGGGC 432  
 QY 290 ACATTTCTATTCTTCATGAGGAATGGAGCGACCCGTTTCACCGCAAGTGTGGA 349  
 Db 433 TGGTGAAGCTGGACCTGGCGAGCGAGCGGGCCATGTGTAAAGCTAGGCGCGG 492  
 QY 350 TGGTTATTACTGAACCCAGTTCCCGAAGCAGTGAATTTTCGTG--CATCAGG 406  
 Db 493 CGTCCGCTGGCTGAAGCCCCCGCCACCTTGAAATGTAGCTGTGGAACACGAGG 552  
 QY 407 ATGCACTGACGGTGAAGCTGTTCGACTGTCTTAAGGGGATCTCTTATGAGTTCA 466  
 Db 553 GGGACGTAAGTCTCTGCTGCTCCACATCTACTGAGGCTGACTGACGAGGTGACG 612  
 QY 467 ACCGGAGCCCTTCGACGAGG-----TGGCAGTCCAAAGGAAATACCTGCAAG 520  
 Db 613 ACCGGAGAGCAATGAGATGAGAGCGCTGGCAGAGCACTCAAGGCGCTGTGTACT 672  
 QY 521 TCACCATAGAGGCTTGGATGCCGAGAAGTGTACTTCTTGGGCTAGGGTGAAGGCTA 580  
 Db 673 TGACAGTGGGGGCTGACCCCGCGGCTGTATGACTTCGGGGTGGGGGCTGCCCC 732  
 QY 581 TGAAGATGTATATGGCCAGACATACCAAGGACTGTCAGAGGTGACATGCTGGC 640  
 Db 733 GGGCCGGCACTATGAGCTGAGGCGGAGCTAGGAGTGAACGCGGACAAAGCTTT 792  
 QY 641 AGAGAGCGGAGATTGGGATG-----CCTGTG 667  
 Db 793 CCGGGGAGGATCCGCGGGGTAGCCCTGGCGCCGACCTTCCCCCCTAGCCTCTGTA 852  
 QY 668 CAGAGACACCAACGCTCCCAACCAAGCTGTCCAAATTTATTTTATTTCCAGGCTGG 727

Db 853 CCGAAGCCCGCCCGCCATCCCGGCGCTGGCCCCCGCCCTCTGCGCCCTGGGCTGGGCGC 912  
 QY 728 CCATCTTCTGATGCT 787  
 Db 913 TAGCAGCCTCTCTGACACTGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 972  
 QY 788 AGTTCTCATTCGCCGCGTGGCCAGACCCGAATTCATCTTCCCGGCTCTTTGAGATAC 847  
 Db 973 ATGGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1032  
 QY 848 ACCAAGGAACTTCCAGAGTGTGATCAGACACCCAGAGCTGGCCACTTCACCAAGA 907  
 Db 1033 ATCAAGGAACTTCCAGAGCTGATGCGAGCCAGGCCACAGCCCGCAGCCAGCAGGA 1092  
 QY 908 TGGCAGGTGCAGACGACGAAGTGGCCCCGAGG 940  
 Db 1093 CCGAGGAGGAGATGACCTCATCCACCCCAAGG 1125

Search completed: March 13, 2003, 02:18:24  
 Job time : 127 secs







RESULT 6  
 US-08-134-012-4/C  
 Sequence 4, Application US/08134012  
 Patent No. 5516552  
 GENERAL INFORMATION:  
 APPLICANT: Abramovitz, Mark  
 APPLICANT: Bole, Yves  
 APPLICANT: Grygorczyk, Richard  
 APPLICANT: Metters, Kathleen  
 APPLICANT: Rushmore, Thomas H.  
 APPLICANT: Slipetz, Deborah M.  
 TITLE OF INVENTION: DNA ENCODING PROSTAGLANDIN RECEPTOR IF  
 NUMBER OF SEQUENCES: 6  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: John Wallen  
 STREET: 126 E. Lincoln Avenue  
 CITY: Rahway  
 STATE: New Jersey  
 COUNTRY: USA  
 ZIP: 07065  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/134,012  
 FILING DATE: 06-OCT-1993  
 CLASSIFICATION: 530  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Wallen, John W





ADDRESSEE: J. Mark Hand  
STREET: 126 E. Lincoln Avenue  
CITY: Rahway  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/039,798  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/520,519  
FILING DATE: 29-AUG-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Hand, J. Mark  
REGISTRATION NUMBER: 36,545  
REFERENCE/DOCKET NUMBER: 19098DB  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (732) 594-3805  
TELEFAX: (732) 594-4720  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1498 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-09-039-798-6

Query Match 2.2%; Score 35.2; DB 4; Length 1498;  
Best Local Similarity 52.0%; Pred. No. 0.99; Mismatches 79; Conservative 0; Gaps 0;  
Matches 79; Indels 73; Gaps 0;

QY 910 GCAGTGCAGAGCAAGAGTGGCCCGCCGCTGTAGTCCAGTTGGCCAGACT 969  
DB 668 GCCCTTCAGAGAGATGAGCAGCAGCAGCGCCGCGGTAGGCGACGCA 609  
QY 970 GAAGCCAGTCTCCAGAGTGTGTGACCCAGACCCAGAGAGAGGCTTGGGGGA 1029  
DB 608 GAAGGCGCGCCGCGCGGTGGGCGCCAGCGCATCGGAGAGCAGCAGTGGCGGCA 549  
QY 1030 TCCCTCCAGCTCCCGCAGCCCTCCCAAGG 1061  
DB 548 GTACTGTGTGTGGCCGCGCCAGCGCCAGCAGG 517

RESULT 12  
US-09-404-879A-157  
Sequence 157, Application US/09404879A  
Patent No. 6468546  
GENERAL INFORMATION:  
APPLICANT: Mitcham, Jennifer L.  
APPLICANT: King, Gordon E.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND  
FILE REFERENCE: 210121.462C2  
CURRENT APPLICATION NUMBER: US/09/404,879A  
NUMBER OF SEQ ID NOS: 393  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 157  
LENGTH: 421  
TYPE: DNA  
ORGANISM: Homo sapien  
US-09-404-879A-157

Query Match 2.1%; Score 33.6; DB 4; Length 421;

Best Local Similarity 48.9%; Pred. No. 1.5;  
Matches 90; Conservative 0; Mismatches 94; Indels 0; Gaps 0;

QY 867 GTGATCACAGACACCAGAGTGGCCCGCCCTCCAGAGATGAGGTGAGAGCAAGA 926  
DB 174 GTGCTTCATTTACAGGGGAGCTCCAAACCTCGACAAATAGGCTGATTTCTGGC 233  
QY 927 AAGTGCCCCGAGAGCCCTGTGTGATGTCAGTTGGCCAAAGACTGAACCGAGTCCAG 986  
DB 234 AGCTCTGACAGATATGCGCTGGAGCGCTTAAAGGTCAATGTGAGATGCCCTCTGAG 293  
QY 987 GATGCTGACCCAGACAGCCAGAGAGAGGCTCTGGGGGATCCCTCCAGCTCCCA 1046  
DB 294 TACCTGTCCGAG 353  
QY 1047 CCAG 1050  
DB 354 TCAG 357

RESULT 13  
US-08-577-184-4  
Sequence 4, Application US/08577184  
Patent No. 5602014  
GENERAL INFORMATION:  
APPLICANT: MIZUMURA, YURIE  
TITLE OF INVENTION: A REGULATORY FACTOR FOR EXPRESSION OF  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,  
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400  
CITY: ARLINGTON  
STATE: VA  
COUNTRY: USA  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/577,184  
FILING DATE: 22-DEC-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 6-337652  
FILING DATE: 28-DEC-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: OBLON, NORMAN F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 2941-004-0  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-413-3000  
TELEFAX: 703-413-2220  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1605 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:  
ORGANISM: RHODOCOCUS ERYTHROPOLIS  
STRAIN: SK92  
US-08-577-184-4

Query Match 2.1%; Score 33.6; DB 1; Length 1605;  
Best Local Similarity 50.0%; Pred. No. 3.2; Mismatches 84; Indels 0; Gaps 0;  
Matches 84; Conservative 0; Mismatches 84; Indels 0; Gaps 0;

QY	900	CCACAAAGATGGCAGGAGTGCAGACGAATAAAGTGGCCCCCGAGGAGGCCCTGGTAGTCCACTT	959
Db	1874	CCGCAGATGGGGAGAACCCGCGAACAACGTGATCTCCCTGGTGCAGACACTTCTGTGATAT	19333
QY	960	GGGCAAGACTGAAGCCCGATGTCCTCCAGAGTCTGGACCCACACAGACCGAGAGAAAGAGGC	1019
Db	1934	AGCCAGATCGAAGCCGGCGCTATCACTCTGACAGACGAAGACATCGACCTGTCCGAAGA	19393

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Search completed: March 13, 2003, 00:57:24
Job time : 83 secs
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